

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031489.D
 Acq On : 20 Sep 2022 12:05
 Operator : JC/MD
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2022
 Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 17:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.555	168	51982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49144	51.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.980%			
35) Dibromofluoromethane	5.385	113	41728	51.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	8.652	98	152695	48.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.100%			
62) 4-Bromofluorobenzene	11.079	95	51296	48.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16279	21.781	ug/l	97
3) Chloromethane	1.288	50	19534	19.701	ug/l	95
4) Vinyl Chloride	1.373	62	21850	19.326	ug/l	94
5) Bromomethane	1.611	94	36437	22.634	ug/l	99
6) Chloroethane	1.684	64	21666	20.365	ug/l	97
7) Trichlorofluoromethane	1.885	101	46682	18.203	ug/l	99
8) Diethyl Ether	2.135	74	15564	17.621	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.330	101	16400	19.594	ug/l	93
10) Methyl Iodide	2.452	142	16107	19.890	ug/l	100
11) Tert butyl alcohol	2.989	59	20383	79.395	ug/l	99
12) 1,1-Dichloroethene	2.318	96	14824	18.321	ug/l	89
13) Acrolein	2.239	56	9392	83.022	ug/l	92
14) Allyl chloride	2.666	41	22504	17.055	ug/l	90
15) Acrylonitrile	3.068	53	46783	93.254	ug/l	98
16) Acetone	2.385	43	38575	93.776	ug/l	96
17) Carbon Disulfide	2.513	76	38009	17.435	ug/l	98
18) Methyl Acetate	2.708	43	25076	17.602	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	52697	18.008	ug/l	100
20) Methylene Chloride	2.788	84	18002	19.722	ug/l #	88
21) trans-1,2-Dichloroethene	3.092	96	16936	18.536	ug/l	97
22) Diisopropyl ether	3.763	45	49382	17.282	ug/l	88
23) Vinyl Acetate	3.727	43	217436	88.983	ug/l	96
24) 1,1-Dichloroethane	3.611	63	29118	18.033	ug/l	97
25) 2-Butanone	4.562	43	65751	89.336	ug/l	97
26) 2,2-Dichloropropane	4.482	77	23372	16.386	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	19584	17.784	ug/l	89
28) Bromochloromethane	4.903	49	13386	20.752	ug/l	92
29) Tetrahydrofuran	5.013	42	40784	84.971	ug/l	91
30) Chloroform	5.098	83	32591	18.403	ug/l	95
31) Cyclohexane	5.470	56	24880	17.596	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	28470	17.699	ug/l	98
36) 1,1-Dichloropropene	5.696	75	23403	18.650	ug/l	97
37) Ethyl Acetate	4.720	43	26921	17.983	ug/l	98
38) Carbon Tetrachloride	5.677	117	24953	17.940	ug/l	98
39) Methylcyclohexane	7.384	83	26626	17.245	ug/l	95
40) Benzene	6.043	78	68467	18.289	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031489.D
 Acq On : 20 Sep 2022 12:05
 Operator : JC/MD
 Sample : VX0920WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2022
 Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 17:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12860	17.254	ug/l	96
42) 1,2-Dichloroethane	6.092	62	25330	18.357	ug/l	100
43) Isopropyl Acetate	6.342	43	41436	18.009	ug/l	98
44) Trichloroethene	7.128	130	19490	18.362	ug/l	95
45) 1,2-Dichloropropane	7.433	63	16882	17.939	ug/l	99
46) Dibromomethane	7.586	93	13872	19.150	ug/l	94
47) Bromodichloromethane	7.823	83	24680	18.121	ug/l	100
48) Methyl methacrylate	7.695	41	18488	17.588	ug/l	91
49) 1,4-Dioxane	7.683	88	9318	388.160	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	135451	91.527	ug/l	99
52) Toluene	8.720	92	46766	19.154	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24736	17.552	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	27024	17.533	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	18761	18.648	ug/l	98
56) Ethyl methacrylate	9.116	69	26667	18.637	ug/l	93
57) 1,3-Dichloropropane	9.311	76	29952	18.142	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	54021	91.211	ug/l	95
59) 2-Hexanone	9.433	43	103706	93.307	ug/l	99
60) Dibromochloromethane	9.524	129	19233	18.003	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19746	18.219	ug/l	98
64) Tetrachloroethene	9.274	164	18808	18.171	ug/l	94
65) Chlorobenzene	10.079	112	49018	18.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	18282	19.067	ug/l	99
67) Ethyl Benzene	10.195	91	84966	18.109	ug/l	99
68) m/p-Xylenes	10.305	106	67503	35.800	ug/l	97
69) o-Xylene	10.640	106	32952	18.309	ug/l	95
70) Styrene	10.658	104	54597	18.425	ug/l	97
71) Bromoform	10.798	173	13208	17.217	ug/l #	99
73) Isopropylbenzene	10.963	105	85899	18.883	ug/l	100
74) N-amyl acetate	10.847	43	35111	19.043	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	29498	21.713	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	25370m	18.660	ug/l	
77) Bromobenzene	11.201	156	21974	19.600	ug/l	90
78) n-propylbenzene	11.304	91	100222	19.150	ug/l	100
79) 2-Chlorotoluene	11.365	91	57150	18.346	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	70756	18.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7856	18.605	ug/l	97
82) 4-Chlorotoluene	11.457	91	67190	18.379	ug/l	99
83) tert-Butylbenzene	11.713	119	70734	18.904	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	71588	18.829	ug/l	99
85) sec-Butylbenzene	11.890	105	89276	18.854	ug/l	100
86) p-Isopropyltoluene	12.012	119	75189	18.804	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40845	19.007	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	41430	18.484	ug/l	99
89) n-Butylbenzene	12.335	91	64236	18.859	ug/l	97
90) Hexachloroethane	12.542	117	12692	18.473	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40190	18.572	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	5634	18.024	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	23789	19.951	ug/l	98
94) Hexachlorobutadiene	13.725	225	8871	18.832	ug/l	98
95) Naphthalene	13.774	128	85665	19.617	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24441	19.887	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
Data File : VX031489.D
Acq On : 20 Sep 2022 12:05
Operator : JC/MD
Sample : VX0920WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/21/2022
Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 17:19:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Sep 20 17:19:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

