

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033463.D
 Acq On : 16 Dec 2022 16:14
 Operator : JC/MD
 Sample : VX1216WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02

Quant Time: Dec 17 08:10:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38371	45.090	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.180%		
35) Dibromofluoromethane	5.385	113	43883	47.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	8.647	98	94792	49.185	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.079	95	77863	52.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17803	19.213	ug/l	98
3) Chloromethane	1.294	50	18813	17.560	ug/l	99
4) Vinyl Chloride	1.374	62	21567	17.630	ug/l	99
5) Bromomethane	1.618	94	14966	16.671	ug/l	97
6) Chloroethane	1.691	64	13020	14.032	ug/l	95
7) Trichlorofluoromethane	1.892	101	32389	14.103	ug/l	100
8) Diethyl Ether	2.130	74	11883	14.325	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	25869	21.234	ug/l	98
10) Methyl Iodide	2.453	142	24941	18.692	ug/l	99
11) Tert butyl alcohol	2.989	59	22173m	85.223	ug/l	
12) 1,1-Dichloroethene	2.325	96	23131	19.235	ug/l	95
13) Acrolein	2.239	56	18599	65.913	ug/l	99
14) Allyl chloride	2.666	41	35517	18.494	ug/l	97
15) Acrylonitrile	3.062	53	62454	96.905	ug/l	99
16) Acetone	2.386	43	57410	91.169	ug/l	100
17) Carbon Disulfide	2.514	76	51206	16.590	ug/l	99
18) Methyl Acetate	2.703	43	37301	20.462	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	84063	20.180	ug/l	99
20) Methylene Chloride	2.788	84	27218	19.381	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25275	19.213	ug/l	100
22) Diisopropyl ether	3.757	45	82340	20.012	ug/l	92
23) Vinyl Acetate	3.721	43	312545	97.865	ug/l	98
24) 1,1-Dichloroethane	3.611	63	46147	19.088	ug/l	99
25) 2-Butanone	4.556	43	88246	97.628	ug/l	99
26) 2,2-Dichloropropane	4.477	77	36083	20.296	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	30651	19.496	ug/l	98
28) Bromochloromethane	4.897	49	19095	18.868	ug/l	95
29) Tetrahydrofuran	5.007	42	55967	95.566	ug/l	98
30) Chloroform	5.093	83	53576	19.962	ug/l	98
31) Cyclohexane	5.471	56	39511	19.536	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	46889	20.305	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37330	20.783	ug/l	99
37) Ethyl Acetate	4.708	43	34009	20.030	ug/l	99
38) Carbon Tetrachloride	5.678	117	41040	20.393	ug/l	99
39) Methylcyclohexane	7.379	83	43662	21.717	ug/l	97
40) Benzene	6.037	78	108704	20.757	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033463.D
 Acq On : 16 Dec 2022 16:14
 Operator : JC/MD
 Sample : VX1216WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD02

Quant Time: Dec 17 08:10:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19530	20.874	ug/l	96
42) 1,2-Dichloroethane	6.086	62	42565	20.468	ug/l	99
43) Isopropyl Acetate	6.336	43	55784	20.419	ug/l	98
44) Trichloroethene	7.129	130	30109	20.852	ug/l	98
45) 1,2-Dichloropropane	7.427	63	27342	20.415	ug/l	99
46) Dibromomethane	7.580	93	21025	20.607	ug/l	97
47) Bromodichloromethane	7.818	83	40352	20.289	ug/l	97
48) Methyl methacrylate	7.690	41	28960	20.540	ug/l	92
49) 1,4-Dioxane	7.690	88	11628	361.664	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	183480	106.204	ug/l	97
52) Toluene	8.720	92	73816	21.800	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40331	20.436	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	43852	20.720	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	30793	21.634	ug/l	96
56) Ethyl methacrylate	9.116	69	42419	21.167	ug/l	93
57) 1,3-Dichloropropane	9.305	76	49327	21.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	96333	105.057	ug/l	98
59) 2-Hexanone	9.427	43	139751	109.768	ug/l	97
60) Dibromochloromethane	9.519	129	32521	20.738	ug/l	98
61) 1,2-Dibromoethane	9.610	107	32801	21.665	ug/l	99
64) Tetrachloroethene	9.275	164	27625	20.765	ug/l	96
65) Chlorobenzene	10.079	112	82979	21.061	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31046	20.852	ug/l	99
67) Ethyl Benzene	10.195	91	146666	21.368	ug/l	98
68) m/p-Xylenes	10.299	106	114637	42.927	ug/l	97
69) o-Xylene	10.640	106	55515	21.031	ug/l	97
70) Styrene	10.653	104	93104	21.536	ug/l	97
71) Bromoform	10.799	173	23241	19.720	ug/l #	100
73) Isopropylbenzene	10.963	105	146927	20.645	ug/l	99
74) N-amyl acetate	10.842	43	49008	20.184	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	46507	20.599	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	41341m	20.695	ug/l	
77) Bromobenzene	11.195	156	36704	20.424	ug/l	98
78) n-propylbenzene	11.305	91	166845	20.996	ug/l	99
79) 2-Chlorotoluene	11.366	91	101261	20.619	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	125086	21.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11608	18.076	ug/l	98
82) 4-Chlorotoluene	11.451	91	116381	20.380	ug/l	98
83) tert-Butylbenzene	11.713	119	122255	20.695	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	122884	20.781	ug/l	100
85) sec-Butylbenzene	11.890	105	150151	21.785	ug/l	99
86) p-Isopropyltoluene	12.012	119	126338	21.261	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	68965	21.185	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	68774	20.683	ug/l	99
89) n-Butylbenzene	12.335	91	105899	21.759	ug/l	98
90) Hexachloroethane	12.536	117	19645	19.449	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	67305	20.680	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8754	17.950	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	40353	20.529	ug/l	99
94) Hexachlorobutadiene	13.725	225	17961	22.819	ug/l	98
95) Naphthalene	13.774	128	135779	20.709	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	40838	20.514	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033463.D
Acq On : 16 Dec 2022 16:14
Operator : JC/MD
Sample : VX1216WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:10:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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

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

