

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032550.D
 Acq On : 03 Nov 2022 11:39
 Operator : JC/MD
 Sample : VX1103WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67142	48.849	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.700%		
35) Dibromofluoromethane	5.385	113	54973	48.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.653	98	184186	47.164	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.320%		
62) 4-Bromofluorobenzene	11.079	95	70825	46.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	23701	20.774	ug/l	99
3) Chloromethane	1.294	50	19409	20.116	ug/l	100
4) Vinyl Chloride	1.374	62	21776	20.507	ug/l	95
5) Bromomethane	1.611	94	21790	25.678	ug/l	95
6) Chloroethane	1.691	64	14160	19.877	ug/l	97
7) Trichlorofluoromethane	1.886	101	41043	20.399	ug/l	100
8) Diethyl Ether	2.136	74	13646	20.929	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	21414	20.165	ug/l	99
10) Methyl Iodide	2.453	142	24771	22.084	ug/l	99
11) Tert butyl alcohol	2.971	59	18496	92.456	ug/l	99
12) 1,1-Dichloroethene	2.318	96	20244	20.407	ug/l	97
13) Acrolein	2.233	56	22163	110.974	ug/l	95
14) Allyl chloride	2.666	41	32468	20.531	ug/l	99
15) Acrylonitrile	3.062	53	53815	99.120	ug/l	99
16) Acetone	2.379	43	51618	103.328	ug/l	93
17) Carbon Disulfide	2.514	76	45047	19.064	ug/l	99
18) Methyl Acetate	2.703	43	34887	21.476	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	69969	20.067	ug/l	99
20) Methylene Chloride	2.788	84	22787	19.895	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	21481	19.893	ug/l	97
22) Diisopropyl ether	3.757	45	68384	19.992	ug/l #	83
23) Vinyl Acetate	3.721	43	272485	98.601	ug/l	100
24) 1,1-Dichloroethane	3.611	63	40647	20.660	ug/l	98
25) 2-Butanone	4.556	43	73061	94.400	ug/l	95
26) 2,2-Dichloropropane	4.477	77	32441	20.743	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25799	20.670	ug/l	100
28) Bromochloromethane	4.903	49	13410	19.135	ug/l	98
29) Tetrahydrofuran	5.007	42	48071	97.404	ug/l	99
30) Chloroform	5.098	83	45036	20.861	ug/l	98
31) Cyclohexane	5.470	56	33451	20.072	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	40380	20.843	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31250	19.981	ug/l	98
37) Ethyl Acetate	4.714	43	29322	18.012	ug/l	98
38) Carbon Tetrachloride	5.678	117	35756	20.613	ug/l	96
39) Methylcyclohexane	7.379	83	37117	20.059	ug/l	96
40) Benzene	6.043	78	88564	20.011	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
 Data File : VX032550.D
 Acq On : 03 Nov 2022 11:39
 Operator : JC/MD
 Sample : VX1103WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2022
 Supervised By : Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16519	19.919	ug/l	99
42) 1,2-Dichloroethane	6.092	62	37640	20.805	ug/l	100
43) Isopropyl Acetate	6.342	43	48689	19.479	ug/l	99
44) Trichloroethene	7.129	130	24639	19.776	ug/l	94
45) 1,2-Dichloropropane	7.433	63	23171	20.395	ug/l	98
46) Dibromomethane	7.586	93	17576	20.173	ug/l	99
47) Bromodichloromethane	7.824	83	34426	20.848	ug/l	99
48) Methyl methacrylate	7.696	41	24867	19.263	ug/l	99
49) 1,4-Dioxane	7.677	88	9251	376.031	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	156657	99.502	ug/l	99
52) Toluene	8.720	92	57350	19.862	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	33704	20.004	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35915	19.930	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23965	19.707	ug/l	99
56) Ethyl methacrylate	9.116	69	34358	19.634	ug/l	97
57) 1,3-Dichloropropane	9.311	76	39709	20.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	84097	99.803	ug/l	99
59) 2-Hexanone	9.433	43	115013	98.451	ug/l	100
60) Dibromochloromethane	9.524	129	26561	19.997	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25776	20.005	ug/l	98
64) Tetrachloroethene	9.275	164	21188	20.544	ug/l	97
65) Chlorobenzene	10.079	112	63346	20.069	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	24420	20.557	ug/l	99
67) Ethyl Benzene	10.195	91	111705	19.790	ug/l	99
68) m/p-Xylenes	10.305	106	88514	40.385	ug/l	99
69) o-Xylene	10.640	106	42996	20.177	ug/l	99
70) Styrene	10.658	104	72003	20.331	ug/l	99
71) Bromoform	10.799	173	18619	19.823	ug/l #	97
73) Isopropylbenzene	10.963	105	114901	20.016	ug/l	100
74) N-amyl acetate	10.841	43	42696	19.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37322	20.255	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32686m	20.281	ug/l	
77) Bromobenzene	11.201	156	28031	19.918	ug/l	99
78) n-propylbenzene	11.305	91	130791	19.776	ug/l	100
79) 2-Chlorotoluene	11.366	91	78823	19.901	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	98235	20.023	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9318	18.397	ug/l	91
82) 4-Chlorotoluene	11.457	91	93574	20.190	ug/l	99
83) tert-Butylbenzene	11.713	119	99886	20.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	99260	20.342	ug/l	99
85) sec-Butylbenzene	11.890	105	118923	20.178	ug/l	100
86) p-Isopropyltoluene	12.012	119	100865	20.169	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	52732	19.864	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	53452	19.408	ug/l	100
89) n-Butylbenzene	12.335	91	86613	19.907	ug/l	99
90) Hexachloroethane	12.542	117	16488	20.184	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	52873	20.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7792	19.287	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	33037	19.357	ug/l	99
94) Hexachlorobutadiene	13.725	225	13813	19.378	ug/l	99
95) Naphthalene	13.774	128	109930	19.330	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34381	19.817	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110322\
Data File : VX032550.D
Acq On : 03 Nov 2022 11:39
Operator : JC/MD
Sample : VX1103WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1103WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 06:17:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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

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

