

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033313.D
 Acq On : 08 Dec 2022 11:12
 Operator : JC/MD
 Sample : VX1208WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 00:43:23 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	149043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45057	47.123	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.240%		
35) Dibromofluoromethane	5.385	113	50551	48.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	8.647	98	109340	50.193	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.380%		
62) 4-Bromofluorobenzene	11.079	95	87338	52.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20055	19.263	ug/l	98
3) Chloromethane	1.294	50	21670	18.002	ug/l	98
4) Vinyl Chloride	1.374	62	24514	17.835	ug/l	98
5) Bromomethane	1.617	94	17182	17.034	ug/l	95
6) Chloroethane	1.691	64	18203	17.460	ug/l	99
7) Trichlorofluoromethane	1.892	101	48682	18.865	ug/l	99
8) Diethyl Ether	2.136	74	16803	18.028	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	26626	19.451	ug/l	98
10) Methyl Iodide	2.453	142	24010	16.015	ug/l	99
11) Tert butyl alcohol	3.014	59	27864	95.317	ug/l #	83
12) 1,1-Dichloroethene	2.325	96	24625	18.225	ug/l	96
13) Acrolein	2.239	56	26683	84.161	ug/l	100
14) Allyl chloride	2.666	41	38800	17.981	ug/l	95
15) Acrylonitrile	3.068	53	65145	89.962	ug/l	100
16) Acetone	2.398	43	65108	92.021	ug/l	96
17) Carbon Disulfide	2.514	76	61053	17.605	ug/l	99
18) Methyl Acetate	2.709	43	37183	18.154	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	87457	18.686	ug/l	98
20) Methylene Chloride	2.788	84	28466	18.040	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	27124	18.351	ug/l	99
22) Diisopropyl ether	3.757	45	86353	18.679	ug/l #	85
23) Vinyl Acetate	3.721	43	328518	91.552	ug/l	100
24) 1,1-Dichloroethane	3.611	63	49062	18.062	ug/l	99
25) 2-Butanone	4.568	43	91445	90.040	ug/l	100
26) 2,2-Dichloropropane	4.471	77	37045	18.545	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	31868	18.041	ug/l	99
28) Bromochloromethane	4.897	49	21362	18.787	ug/l #	96
29) Tetrahydrofuran	5.013	42	57316	87.104	ug/l	97
30) Chloroform	5.092	83	56209	18.639	ug/l	96
31) Cyclohexane	5.470	56	43616	19.194	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	47917	18.468	ug/l	99
36) 1,1-Dichloropropene	5.690	75	39796	19.602	ug/l	98
37) Ethyl Acetate	4.721	43	35908	18.710	ug/l	99
38) Carbon Tetrachloride	5.672	117	43331	19.049	ug/l	99
39) Methylcyclohexane	7.379	83	47229	20.783	ug/l	99
40) Benzene	6.037	78	113156	19.116	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20280	19.177	ug/l	97
42) 1,2-Dichloroethane	6.092	62	45907	19.530	ug/l	100
43) Isopropyl Acetate	6.342	43	57157	18.510	ug/l	98
44) Trichloroethene	7.123	130	31858	19.520	ug/l	99
45) 1,2-Dichloropropane	7.427	63	28241	18.655	ug/l	99
46) Dibromomethane	7.580	93	21950	19.033	ug/l	99
47) Bromodichloromethane	7.818	83	42382	18.853	ug/l	99
48) Methyl methacrylate	7.696	41	29771	18.681	ug/l	94
49) 1,4-Dioxane	7.708	88	14569	400.895	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	188886	96.728	ug/l	98
52) Toluene	8.720	92	76274	19.929	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	40933	18.606	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	45528	19.032	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	31609	19.647	ug/l	99
56) Ethyl methacrylate	9.116	69	43320	19.124	ug/l	94
57) 1,3-Dichloropropane	9.311	76	49373	19.104	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	94740	91.408	ug/l	98
59) 2-Hexanone	9.433	43	140415	97.575	ug/l	97
60) Dibromochloromethane	9.518	129	32929	18.577	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33094	19.339	ug/l	99
64) Tetrachloroethene	9.275	164	27304	18.650	ug/l	94
65) Chlorobenzene	10.079	112	82079	18.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30197	18.430	ug/l	99
67) Ethyl Benzene	10.195	91	148272	19.630	ug/l	99
68) m/p-Xylenes	10.299	106	115001	39.133	ug/l	99
69) o-Xylene	10.640	106	56190	19.344	ug/l	97
70) Styrene	10.652	104	92409	19.424	ug/l	98
71) Bromoform	10.799	173	23399	18.042	ug/l #	100
73) Isopropylbenzene	10.963	105	149380	19.347	ug/l	100
74) N-amyl acetate	10.841	43	49949	18.961	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	45647	18.636	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41231m	19.024	ug/l	
77) Bromobenzene	11.201	156	36164	18.548	ug/l	99
78) n-propylbenzene	11.305	91	170715	19.802	ug/l	99
79) 2-Chlorotoluene	11.366	91	103439	19.414	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126508	19.684	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11495	16.499	ug/l	97
82) 4-Chlorotoluene	11.451	91	118369	19.106	ug/l	99
83) tert-Butylbenzene	11.713	119	126694	19.768	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	126844	19.771	ug/l	99
85) sec-Butylbenzene	11.890	105	152180	20.351	ug/l	100
86) p-Isopropyltoluene	12.012	119	128781	19.976	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68058	19.270	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	68807	19.073	ug/l	99
89) n-Butylbenzene	12.335	91	106260	20.124	ug/l	100
90) Hexachloroethane	12.536	117	19823	18.090	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	67029	18.983	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9195	17.379	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	40843	19.152	ug/l	97
94) Hexachlorobutadiene	13.725	225	17402	20.378	ug/l	98
95) Naphthalene	13.774	128	136525	19.193	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41027	18.996	ug/l	100

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

