

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032646.D
 Acq On : 08 Nov 2022 12:10
 Operator : JC/MD
 Sample : VX1108WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:36:35 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	5.556	168	99954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74397	53.568	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.140%			
35) Dibromofluoromethane	5.385	113	57796	52.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.647	98	193561	50.502	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	77869	52.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22659	19.655	ug/l	97
3) Chloromethane	1.294	50	17949	18.410	ug/l	97
4) Vinyl Chloride	1.374	62	20665	19.260	ug/l	100
5) Bromomethane	1.618	94	18175	21.196	ug/l	99
6) Chloroethane	1.691	64	15530	21.575	ug/l	98
7) Trichlorofluoromethane	1.892	101	40373	19.858	ug/l	100
8) Diethyl Ether	2.136	74	13125	19.921	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21574	20.105	ug/l	99
10) Methyl Iodide	2.453	142	20068	18.086	ug/l	99
11) Tert butyl alcohol	2.983	59	18165	89.862	ug/l	100
12) 1,1-Dichloroethene	2.319	96	18965	18.920	ug/l	98
13) Acrolein	2.239	56	14575	72.225	ug/l	100
14) Allyl chloride	2.666	41	31009	19.406	ug/l	99
15) Acrylonitrile	3.069	53	53437	97.405	ug/l	99
16) Acetone	2.386	43	48661	96.401	ug/l	99
17) Carbon Disulfide	2.514	76	40080	16.787	ug/l	99
18) Methyl Acetate	2.703	43	34736	21.161	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	72126	20.472	ug/l	98
20) Methylene Chloride	2.794	84	22431	19.381	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	20850	19.109	ug/l	98
22) Diisopropyl ether	3.757	45	69662	20.155	ug/l #	82
23) Vinyl Acetate	3.721	43	276249	98.929	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39481	19.859	ug/l	98
25) 2-Butanone	4.556	43	73045	93.403	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32578	20.615	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25540	20.250	ug/l	99
28) Bromochloromethane	4.904	49	14343	20.255	ug/l	100
29) Tetrahydrofuran	5.013	42	46364	92.974	ug/l	100
30) Chloroform	5.093	83	44755	20.516	ug/l	96
31) Cyclohexane	5.471	56	31428	18.663	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	39299	20.075	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30596	19.933	ug/l	99
37) Ethyl Acetate	4.715	43	29518	18.475	ug/l	98
38) Carbon Tetrachloride	5.678	117	34368	20.188	ug/l	99
39) Methylcyclohexane	7.379	83	35066	19.309	ug/l	98
40) Benzene	6.037	78	87376	20.116	ug/l	99

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41) Methacrylonitrile	4.916	41	16708	20.528	ug/l	98
42) 1,2-Dichloroethane	6.086	62	38079	21.446	ug/l	99
43) Isopropyl Acetate	6.336	43	49668	20.247	ug/l	99
44) Trichloroethene	7.123	130	24142	19.744	ug/l	97
45) 1,2-Dichloropropane	7.427	63	23321	20.916	ug/l	99
46) Dibromomethane	7.586	93	17151	20.057	ug/l	97
47) Bromodichloromethane	7.824	83	33316	20.557	ug/l	99
48) Methyl methacrylate	7.696	41	25460	20.095	ug/l	99
49) 1,4-Dioxane	7.690	88	9099	376.851	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	155191	100.436	ug/l	99
52) Toluene	8.720	92	57115	20.154	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33934	20.522	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	36509	20.643	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24696	20.693	ug/l	98
56) Ethyl methacrylate	9.116	69	35383	20.602	ug/l	98
57) 1,3-Dichloropropane	9.311	76	39577	20.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	82479	99.735	ug/l	100
59) 2-Hexanone	9.433	43	114117	99.532	ug/l	99
60) Dibromochloromethane	9.519	129	26192	20.093	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25949	20.520	ug/l	98
64) Tetrachloroethene	9.275	164	21105	20.667	ug/l	98
65) Chlorobenzene	10.079	112	64754	20.719	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	24707	21.005	ug/l	98
67) Ethyl Benzene	10.195	91	114294	20.451	ug/l	99
68) m/p-Xylenes	10.305	106	88177	40.632	ug/l	100
69) o-Xylene	10.640	106	43846	20.780	ug/l	99
70) Styrene	10.659	104	71242	20.316	ug/l	99
71) Bromoform	10.799	173	18068	19.428	ug/l #	99
73) Isopropylbenzene	10.963	105	116386	20.177	ug/l	99
74) N-amyl acetate	10.842	43	44280	20.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	36818	19.885	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32805m	20.256	ug/l	
77) Bromobenzene	11.201	156	28731	20.317	ug/l	100
78) n-propylbenzene	11.305	91	133171	20.038	ug/l	99
79) 2-Chlorotoluene	11.366	91	81181	20.397	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	100305	20.346	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9225	18.126	ug/l	94
82) 4-Chlorotoluene	11.457	91	95425	20.490	ug/l	99
83) tert-Butylbenzene	11.713	119	99685	20.253	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	100183	20.432	ug/l	100
85) sec-Butylbenzene	11.890	105	119278	20.140	ug/l	100
86) p-Isopropyltoluene	12.012	119	102488	20.394	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54575	20.458	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	55760	20.149	ug/l	99
89) n-Butylbenzene	12.335	91	86759	19.845	ug/l	99
90) Hexachloroethane	12.542	117	16096	19.609	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	53464	20.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7917	19.502	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	34280	19.988	ug/l	98
94) Hexachlorobutadiene	13.725	225	14203	19.829	ug/l	99
95) Naphthalene	13.774	128	110744	19.379	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33479	19.203	ug/l	99

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

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