

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036908.D
 Acq On : 10 Aug 2023 13:19
 Operator : JC/MD
 Sample : VX0810WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:43:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98982	48.577	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.160%		
35) Dibromofluoromethane	5.391	113	83042	51.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.420%		
50) Toluene-d8	8.647	98	269796	46.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.840%		
62) 4-Bromofluorobenzene	11.079	95	110608	50.985	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35978	19.777	ug/l	97
3) Chloromethane	1.301	50	29670	17.931	ug/l	99
4) Vinyl Chloride	1.374	62	32519	19.303	ug/l	100
5) Bromomethane	1.599	94	19317	19.207	ug/l	100
6) Chloroethane	1.685	64	20560	25.103	ug/l	96
7) Trichlorofluoromethane	1.886	101	57013	21.915	ug/l	99
8) Diethyl Ether	2.136	74	20488	20.356	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	32459	20.767	ug/l	99
10) Methyl Iodide	2.453	142	35484	21.858	ug/l	94
11) Tert butyl alcohol	2.959	59	45288	93.882	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	30129	19.539	ug/l	89
13) Acrolein	2.239	56	29444	106.952	ug/l	100
14) Allyl chloride	2.666	41	50425	16.607	ug/l #	96
15) Acrylonitrile	3.062	53	93408	96.285	ug/l	99
16) Acetone	2.380	43	84372	99.785	ug/l	90
17) Carbon Disulfide	2.514	76	74299	17.458	ug/l	99
18) Methyl Acetate	2.703	43	66629	18.732	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	115394	19.914	ug/l	97
20) Methylene Chloride	2.788	84	35366	18.807	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	34071	19.770	ug/l	85
22) Diisopropyl ether	3.764	45	102521	17.782	ug/l	87
23) Vinyl Acetate	3.721	43	398905	90.200	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	61718	19.093	ug/l	98
25) 2-Butanone	4.556	43	129565	94.447	ug/l	94
26) 2,2-Dichloropropane	4.477	77	57168	18.769	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	40640	19.854	ug/l	91
28) Bromochloromethane	4.904	49	28083	17.964	ug/l	84
29) Tetrahydrofuran	5.007	42	82603	93.395	ug/l #	88
30) Chloroform	5.093	83	67291	20.348	ug/l	99
31) Cyclohexane	5.471	56	49837	17.665	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	60988	20.127	ug/l	98
36) 1,1-Dichloropropene	5.690	75	47618	19.703	ug/l	97
37) Ethyl Acetate	4.715	43	50794	18.569	ug/l #	95
38) Carbon Tetrachloride	5.678	117	52293	20.352	ug/l	97
39) Methylcyclohexane	7.379	83	52219	17.376	ug/l	91
40) Benzene	6.037	78	139157	19.790	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	26986	18.445	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	53333	20.745	ug/l	97
43) Isopropyl Acetate	6.342	43	82446	17.509	ug/l #	94
44) Trichloroethene	7.129	130	37668	20.494	ug/l	99
45) 1,2-Dichloropropane	7.434	63	35235	18.768	ug/l	95
46) Dibromomethane	7.580	93	26270	19.994	ug/l	94
47) Bromodichloromethane	7.824	83	52041	19.296	ug/l	97
48) Methyl methacrylate	7.696	41	40297	18.402	ug/l	90
49) 1,4-Dioxane	7.659	88	17143	387.515	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	254995	97.857	ug/l	94
52) Toluene	8.720	92	89164	20.237	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	55593	18.238	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	59787	18.587	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	37601	20.302	ug/l	95
56) Ethyl methacrylate	9.116	69	58560	19.418	ug/l	91
57) 1,3-Dichloropropane	9.311	76	62505	20.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	144603	97.311	ug/l	95
59) 2-Hexanone	9.433	43	193134	99.866	ug/l	94
60) Dibromochloromethane	9.525	129	39941	19.621	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39668	20.666	ug/l	99
64) Tetrachloroethene	9.275	164	33454	21.078	ug/l	97
65) Chlorobenzene	10.079	112	96682	20.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36482	20.123	ug/l	99
67) Ethyl Benzene	10.195	91	171573	20.024	ug/l	99
68) m/p-Xylenes	10.299	106	131809	41.229	ug/l	98
69) o-Xylene	10.640	106	64117	20.092	ug/l	100
70) Styrene	10.659	104	106451	20.218	ug/l	98
71) Bromoform	10.799	173	27155	18.504	ug/l #	99
73) Isopropylbenzene	10.963	105	169032	19.091	ug/l	99
74) N-amyl acetate	10.842	43	69113	16.739	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	56242	18.807	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	47093m	18.715	ug/l	
77) Bromobenzene	11.201	156	39193	19.438	ug/l	94
78) n-propylbenzene	11.305	91	190093	18.565	ug/l	100
79) 2-Chlorotoluene	11.366	91	117620	18.956	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	142194	19.197	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16772	15.107	ug/l	90
82) 4-Chlorotoluene	11.451	91	134972	19.091	ug/l	98
83) tert-Butylbenzene	11.713	119	133248	18.312	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	140569	18.977	ug/l	97
85) sec-Butylbenzene	11.890	105	162904	17.952	ug/l	99
86) p-Isopropyltoluene	12.006	119	136814	18.323	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	74224	19.875	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	75542	20.383	ug/l	100
89) n-Butylbenzene	12.329	91	115473	17.275	ug/l	99
90) Hexachloroethane	12.536	117	22310	14.738	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	73202	20.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12882	18.538	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	42528	19.154	ug/l	97
94) Hexachlorobutadiene	13.725	225	16369	17.821	ug/l	99
95) Naphthalene	13.774	128	158157	20.441	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42982	19.642	ug/l	100

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

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