

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035433.D
 Acq On : 01 May 2023 12:23
 Operator : JC/MD
 Sample : VX0501WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 23:56:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	392696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151843	49.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.920%		
35) Dibromofluoromethane	5.379	113	124907	51.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.640%		
50) Toluene-d8	8.647	98	461644	50.773	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	11.079	95	178306	52.131	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47384	17.597	ug/l	99
3) Chloromethane	1.294	50	38041	15.529	ug/l	100
4) Vinyl Chloride	1.374	62	41248	16.788	ug/l	99
5) Bromomethane	1.618	94	24325	14.896	ug/l	100
6) Chloroethane	1.691	64	23701	16.494	ug/l	98
7) Trichlorofluoromethane	1.886	101	67228	17.498	ug/l	99
8) Diethyl Ether	2.136	74	24377	17.401	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	46697	18.197	ug/l	95
10) Methyl Iodide	2.453	142	43872	13.546	ug/l	98
11) Tert butyl alcohol	2.977	59	53543m	95.778	ug/l	
12) 1,1-Dichloroethene	2.319	96	42821	17.324	ug/l	97
13) Acrolein	2.239	56	53128	96.637	ug/l	99
14) Allyl chloride	2.666	41	75177	17.283	ug/l	97
15) Acrylonitrile	3.062	53	130520	93.349	ug/l	100
16) Acetone	2.386	43	121431	91.064	ug/l	98
17) Carbon Disulfide	2.514	76	96539	16.293	ug/l	97
18) Methyl Acetate	2.703	43	99828	19.360	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	161162	19.005	ug/l	98
20) Methylene Chloride	2.788	84	51691	16.906	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	46485	17.316	ug/l	90
22) Diisopropyl ether	3.757	45	157530	18.301	ug/l	94
23) Vinyl Acetate	3.721	43	557445	94.217	ug/l	97
24) 1,1-Dichloroethane	3.605	63	87158	17.977	ug/l	99
25) 2-Butanone	4.556	43	176680	90.776	ug/l	95
26) 2,2-Dichloropropane	4.477	77	68614	18.064	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	57525	18.230	ug/l	92
28) Bromochloromethane	4.897	49	39665	19.197	ug/l	83
29) Tetrahydrofuran	5.007	42	114190	91.521	ug/l	95
30) Chloroform	5.086	83	91247	18.643	ug/l	92
31) Cyclohexane	5.464	56	76602	17.588	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	78516	18.304	ug/l	96
36) 1,1-Dichloropropene	5.690	75	66613	17.700	ug/l	98
37) Ethyl Acetate	4.708	43	67475	19.630	ug/l	95
38) Carbon Tetrachloride	5.678	117	67207	18.811	ug/l	99
39) Methylcyclohexane	7.379	83	80317	17.532	ug/l	98
40) Benzene	6.038	78	195364	18.096	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38402	19.498	ug/l	95
42) 1,2-Dichloroethane	6.086	62	71720	18.632	ug/l	96
43) Isopropyl Acetate	6.336	43	110333	19.103	ug/l #	94
44) Trichloroethene	7.123	130	55411	18.631	ug/l	99
45) 1,2-Dichloropropane	7.428	63	51635	18.971	ug/l	100
46) Dibromomethane	7.580	93	35303	18.887	ug/l	92
47) Bromodichloromethane	7.818	83	65770	19.098	ug/l	99
48) Methyl methacrylate	7.690	41	56157	19.821	ug/l	92
49) 1,4-Dioxane	7.690	88	25582	370.433	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	349949	98.621	ug/l	96
52) Toluene	8.720	92	127163	18.582	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	71533	19.890	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80751	19.865	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	53065	19.451	ug/l	95
56) Ethyl methacrylate	9.116	69	80696	19.857	ug/l	90
57) 1,3-Dichloropropane	9.305	76	90143	19.318	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	171089	84.195	ug/l	95
59) 2-Hexanone	9.427	43	264663	99.283	ug/l	95
60) Dibromochloromethane	9.519	129	53695	20.543	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55890	19.873	ug/l	100
64) Tetrachloroethene	9.275	164	49222	18.366	ug/l	98
65) Chlorobenzene	10.079	112	140071	18.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52357	19.865	ug/l	98
67) Ethyl Benzene	10.195	91	247485	18.871	ug/l	99
68) m/p-Xylenes	10.299	106	192038	38.214	ug/l	99
69) o-Xylene	10.640	106	94251	19.126	ug/l	100
70) Styrene	10.653	104	156041	19.530	ug/l	98
71) Bromoform	10.799	173	36501	19.911	ug/l #	98
73) Isopropylbenzene	10.963	105	247573	19.339	ug/l	100
74) N-amyl acetate	10.842	43	94789	19.703	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	79376	19.977	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63666m	18.225	ug/l	
77) Bromobenzene	11.195	156	62235	19.557	ug/l	89
78) n-propylbenzene	11.305	91	278549	18.946	ug/l	98
79) 2-Chlorotoluene	11.366	91	170621	18.571	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	212125	19.652	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	19983	18.527	ug/l	97
82) 4-Chlorotoluene	11.451	91	197156	19.106	ug/l	98
83) tert-Butylbenzene	11.713	119	208975	19.295	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	209896	19.353	ug/l	100
85) sec-Butylbenzene	11.890	105	249907	18.811	ug/l	99
86) p-Isopropyltoluene	12.006	119	218340	19.324	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114423	18.921	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116826	18.425	ug/l	99
89) n-Butylbenzene	12.335	91	175376	18.387	ug/l	98
90) Hexachloroethane	12.536	117	31945	18.469	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	115372	19.075	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16232	20.373	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	73933	19.446	ug/l	99
94) Hexachlorobutadiene	13.725	225	31071	18.621	ug/l	98
95) Naphthalene	13.774	128	247879	21.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72731	19.004	ug/l	98

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

