

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022723\
 Data File : VX034274.D
 Acq On : 27 Feb 2023 12:15
 Operator : JC/MD
 Sample : VX0227WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 04:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	293321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165970	42.014	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.020%		
35) Dibromofluoromethane	5.385	113	143280	46.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.900%		
50) Toluene-d8	8.647	98	529434	47.803	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.600%		
62) 4-Bromofluorobenzene	11.079	95	197256	46.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47318	18.669	ug/l	98
3) Chloromethane	1.301	50	66870	18.333	ug/l	95
4) Vinyl Chloride	1.374	62	67229	20.239	ug/l	100
5) Bromomethane	1.605	94	40505	29.465	ug/l	95
6) Chloroethane	1.685	64	38244	22.901	ug/l	99
7) Trichlorofluoromethane	1.886	101	100675	22.402	ug/l	100
8) Diethyl Ether	2.136	74	38207	21.103	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	54900	17.347	ug/l	96
10) Methyl Iodide	2.453	142	61728	16.019	ug/l	94
11) Tert butyl alcohol	2.953	59	79072	89.494	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	55405	17.464	ug/l	92
13) Acrolein	2.233	56	41623	103.201	ug/l	98
14) Allyl chloride	2.666	41	108857	16.175	ug/l	90
15) Acrylonitrile	3.063	53	178143	92.423	ug/l	99
16) Acetone	2.380	43	176863	86.792	ug/l	94
17) Carbon Disulfide	2.514	76	142096	15.578	ug/l	99
18) Methyl Acetate	2.703	43	118559	18.803	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	204684	18.280	ug/l	99
20) Methylene Chloride	2.788	84	65029	17.711	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	59378	17.861	ug/l	99
22) Diisopropyl ether	3.764	45	222922	18.894	ug/l	92
23) Vinyl Acetate	3.721	43	863143	91.312	ug/l	99
24) 1,1-Dichloroethane	3.611	63	114404	17.663	ug/l	99
25) 2-Butanone	4.556	43	266716	90.458	ug/l	98
26) 2,2-Dichloropropane	4.477	77	98921	16.859	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	72736	18.476	ug/l	98
28) Bromochloromethane	4.898	49	46160	15.976	ug/l	88
29) Tetrahydrofuran	5.007	42	163874	91.107	ug/l	99
30) Chloroform	5.093	83	113139	18.191	ug/l	96
31) Cyclohexane	5.471	56	100718	17.077	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	99414	17.831	ug/l	98
36) 1,1-Dichloropropene	5.696	75	83271	18.253	ug/l	98
37) Ethyl Acetate	4.715	43	97124	19.049	ug/l	100
38) Carbon Tetrachloride	5.678	117	84541	18.009	ug/l	96
39) Methylcyclohexane	7.379	83	102418	17.445	ug/l	96
40) Benzene	6.038	78	253868	18.778	ug/l	99

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41) Methacrylonitrile	4.922	41	55609	19.576	ug/l	98
42) 1,2-Dichloroethane	6.086	62	87223	18.344	ug/l	100
43) Isopropyl Acetate	6.336	43	169321	18.819	ug/l	99
44) Trichloroethene	7.129	130	66468	19.158	ug/l	95
45) 1,2-Dichloropropane	7.434	63	68011	18.897	ug/l	99
46) Dibromomethane	7.580	93	43971	18.564	ug/l	90
47) Bromodichloromethane	7.824	83	88447	18.196	ug/l	98
48) Methyl methacrylate	7.690	41	78105	18.290	ug/l	97
49) 1,4-Dioxane	7.659	88	34724	407.668	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	512119	103.457	ug/l	99
52) Toluene	8.720	92	160243	19.561	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102025	18.235	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108880	18.177	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	66868	20.223	ug/l	97
56) Ethyl methacrylate	9.116	69	105287	18.823	ug/l	97
57) 1,3-Dichloropropane	9.305	76	112485	19.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	248304	102.474	ug/l	96
59) 2-Hexanone	9.427	43	387894	102.822	ug/l	98
60) Dibromochloromethane	9.519	129	69521	19.028	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68160	19.491	ug/l	98
64) Tetrachloroethene	9.275	164	56614	19.075	ug/l	94
65) Chlorobenzene	10.080	112	170961	19.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	65806	19.392	ug/l	98
67) Ethyl Benzene	10.195	91	304706	19.348	ug/l	99
68) m/p-Xylenes	10.299	106	235431	39.065	ug/l	98
69) o-Xylene	10.640	106	117745	19.625	ug/l	98
70) Styrene	10.659	104	194310	19.913	ug/l	99
71) Bromoform	10.799	173	52718	19.032	ug/l #	98
73) Isopropylbenzene	10.964	105	303633	18.884	ug/l	100
74) N-amyl acetate	10.842	43	146156	18.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	103839	18.881	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	84209m	15.862	ug/l	
77) Bromobenzene	11.195	156	72999	18.865	ug/l	87
78) n-propylbenzene	11.305	91	345271	18.463	ug/l	97
79) 2-Chlorotoluene	11.366	91	210396	18.348	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	251451	18.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34792	16.836	ug/l	89
82) 4-Chlorotoluene	11.451	91	238775	18.283	ug/l	98
83) tert-Butylbenzene	11.713	119	257651	18.609	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	253984	18.581	ug/l	98
85) sec-Butylbenzene	11.890	105	316019	18.795	ug/l	99
86) p-Isopropyltoluene	12.012	119	263245	18.918	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	137586	18.959	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	138113	18.869	ug/l	96
89) n-Butylbenzene	12.329	91	224900	18.147	ug/l	98
90) Hexachloroethane	12.536	117	49881	17.145	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	136416	19.213	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21048	16.050	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	83285	18.271	ug/l	99
94) Hexachlorobutadiene	13.725	225	33785	17.879	ug/l	99
95) Naphthalene	13.774	128	282894	18.422	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83541	18.460	ug/l	99

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

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