

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034315.D
 Acq On : 03 Mar 2023 12:14
 Operator : JC/MD
 Sample : VX0303WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0303WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2023
 Supervised By : Semsettin Yesilyurt 03/06/2023

Quant Time: Mar 03 15:08:13 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	268807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	444598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170547	47.110	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.220%			
35) Dibromofluoromethane	5.385	113	144818	50.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.647	98	530152	51.010	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.020%			
62) 4-Bromofluorobenzene	11.079	95	200379	50.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49906	21.485	ug/l	100
3) Chloromethane	1.300	50	72880	21.803	ug/l	98
4) Vinyl Chloride	1.374	62	73581	24.171	ug/l	97
5) Bromomethane	1.605	94	44241	36.572	ug/l	96
6) Chloroethane	1.685	64	41272	26.968	ug/l	97
7) Trichlorofluoromethane	1.886	101	107632	26.134	ug/l	99
8) Diethyl Ether	2.136	74	40550	24.439	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	56727	19.558	ug/l	97
10) Methyl Iodide	2.453	142	69782	19.760	ug/l	95
11) Tert butyl alcohol	2.953	59	71332	88.096	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	57390	19.739	ug/l	94
13) Acrolein	2.233	56	35894	97.112	ug/l	97
14) Allyl chloride	2.666	41	111277	18.043	ug/l	91
15) Acrylonitrile	3.062	53	176595	99.975	ug/l	99
16) Acetone	2.380	43	162969	87.267	ug/l	92
17) Carbon Disulfide	2.514	76	154859	18.526	ug/l	99
18) Methyl Acetate	2.703	43	116181	20.106	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	208424	20.311	ug/l	98
20) Methylene Chloride	2.788	84	65751	19.541	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	63325	20.785	ug/l	99
22) Diisopropyl ether	3.763	45	227643	21.054	ug/l	91
23) Vinyl Acetate	3.721	43	890855	102.838	ug/l	100
24) 1,1-Dichloroethane	3.611	63	117604	19.813	ug/l	99
25) 2-Butanone	4.556	43	260296	96.332	ug/l	98
26) 2,2-Dichloropropane	4.477	77	101372	18.852	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	74183	20.562	ug/l	96
28) Bromochloromethane	4.897	49	46491	17.558	ug/l	91
29) Tetrahydrofuran	5.001	42	167948	101.887	ug/l	99
30) Chloroform	5.092	83	117482	20.612	ug/l	96
31) Cyclohexane	5.470	56	108080	19.996	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	102432	20.048	ug/l	99
36) 1,1-Dichloropropene	5.696	75	87379	20.410	ug/l	99
37) Ethyl Acetate	4.715	43	101325	21.178	ug/l	99
38) Carbon Tetrachloride	5.678	117	86954	19.738	ug/l	98
39) Methylcyclohexane	7.379	83	111486	20.236	ug/l	99
40) Benzene	6.037	78	266386	20.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55627	20.868	ug/l	98
42) 1,2-Dichloroethane	6.092	62	91665	20.543	ug/l	100
43) Isopropyl Acetate	6.342	43	172050	20.378	ug/l	99
44) Trichloroethene	7.129	130	68548	21.055	ug/l	98
45) 1,2-Dichloropropane	7.427	63	69778	20.661	ug/l	98
46) Dibromomethane	7.580	93	46041	20.714	ug/l	91
47) Bromodichloromethane	7.824	83	89426	19.605	ug/l	98
48) Methyl methacrylate	7.696	41	80008	19.965	ug/l	97
49) 1,4-Dioxane	7.659	88	33188	415.207	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	517844	111.480	ug/l	99
52) Toluene	8.720	92	167921	21.844	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101633	19.357	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	111121	19.769	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67930	21.892	ug/l	98
56) Ethyl methacrylate	9.116	69	109170	20.798	ug/l	98
57) 1,3-Dichloropropane	9.305	76	117296	21.727	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	247963	109.049	ug/l	95
59) 2-Hexanone	9.427	43	385888	109.004	ug/l	99
60) Dibromochloromethane	9.518	129	70399	20.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70953	21.621	ug/l	99
64) Tetrachloroethene	9.275	164	58425	20.837	ug/l	94
65) Chlorobenzene	10.079	112	179488	21.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	66499	20.743	ug/l	98
67) Ethyl Benzene	10.195	91	321151	21.586	ug/l	99
68) m/p-Xylenes	10.299	106	248823	43.703	ug/l	96
69) o-Xylene	10.640	106	123173	21.731	ug/l	96
70) Styrene	10.652	104	200599	21.760	ug/l	98
71) Bromoform	10.799	173	49965	19.094	ug/l #	97
73) Isopropylbenzene	10.963	105	315940	21.111	ug/l	99
74) N-amyl acetate	10.841	43	152019	20.219	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	104808	20.476	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85941m	17.393	ug/l	
77) Bromobenzene	11.195	156	76995	21.379	ug/l	88
78) n-propylbenzene	11.305	91	364410	20.937	ug/l	98
79) 2-Chlorotoluene	11.366	91	222006	20.802	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	263015	20.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	34532	17.953	ug/l	91
82) 4-Chlorotoluene	11.457	91	253213	20.831	ug/l	96
83) tert-Butylbenzene	11.713	119	262179	20.345	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	265090	20.837	ug/l	98
85) sec-Butylbenzene	11.890	105	330559	21.123	ug/l	98
86) p-Isopropyltoluene	12.012	119	272676	21.054	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	142880	21.154	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	143538	21.069	ug/l	96
89) n-Butylbenzene	12.335	91	238327	20.661	ug/l	97
90) Hexachloroethane	12.536	117	49952	18.447	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	142593	21.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21083	17.272	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	85745	20.210	ug/l	99
94) Hexachlorobutadiene	13.725	225	34819	19.797	ug/l	98
95) Naphthalene	13.774	128	293894	20.563	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83427	19.807	ug/l	96

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

