

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041739.D
 Acq On : 05 Jun 2024 10:41
 Operator : JC/MD
 Sample : VX0605WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 02:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	181628	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	263060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110909	49.788	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.580%		
35) Dibromofluoromethane	5.385	113	87970	48.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	311251	48.977	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	115582	49.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	31845	19.954	ug/l	100
3) Chloromethane	1.301	50	34813	19.993	ug/l	97
4) Vinyl Chloride	1.374	62	34796	19.412	ug/l	100
5) Bromomethane	1.599	94	23117	18.517	ug/l	92
6) Chloroethane	1.666	64	22850	21.090	ug/l	98
7) Trichlorofluoromethane	1.874	101	57429	19.619	ug/l	97
8) Diethyl Ether	2.136	74	21337	18.913	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	32219	19.425	ug/l	88
10) Methyl Iodide	2.447	142	42598	20.595	ug/l	90
11) Tert butyl alcohol	2.989	59	45022	114.251	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	30961	19.123	ug/l	89
13) Acrolein	2.239	56	30776	83.879	ug/l	99
14) Allyl chloride	2.660	41	54725	20.546	ug/l	99
15) Acrylonitrile	3.069	53	102019	105.565	ug/l	99
16) Acetone	2.392	43	99954	100.566	ug/l	95
17) Carbon Disulfide	2.502	76	64094	17.895	ug/l	100
18) Methyl Acetate	2.709	43	47209	22.195	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	108593	20.047	ug/l	98
20) Methylene Chloride	2.788	84	36672	18.396	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	32574	19.391	ug/l	90
22) Diisopropyl ether	3.764	45	111514	20.486	ug/l	97
23) Vinyl Acetate	3.727	43	501735	102.599	ug/l	98
24) 1,1-Dichloroethane	3.611	63	61348	19.931	ug/l	97
25) 2-Butanone	4.562	43	146894	106.101	ug/l	98
26) 2,2-Dichloropropane	4.477	77	48473	19.194	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	40573	20.206	ug/l	90
28) Bromochloromethane	4.898	49	25484	19.223	ug/l	# 82
29) Tetrahydrofuran	5.013	42	93070	106.594	ug/l	96
30) Chloroform	5.093	83	64900	20.083	ug/l	97
31) Cyclohexane	5.465	56	50667	19.265	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	56604	19.987	ug/l	98
36) 1,1-Dichloropropene	5.690	75	42872	19.467	ug/l	97
37) Ethyl Acetate	4.721	43	54922	19.761	ug/l	100
38) Carbon Tetrachloride	5.672	117	47904	19.146	ug/l	98
39) Methylcyclohexane	7.379	83	53176	19.654	ug/l	94
40) Benzene	6.038	78	135666	19.708	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29931	22.020	ug/l	96
42) 1,2-Dichloroethane	6.086	62	51896	20.195	ug/l	95
43) Isopropyl Acetate	6.342	43	85100	20.280	ug/l	99
44) Trichloroethene	7.123	130	36599	19.549	ug/l	90
45) 1,2-Dichloropropane	7.428	63	33307	20.350	ug/l	98
46) Dibromomethane	7.580	93	25286	20.143	ug/l #	81
47) Bromodichloromethane	7.824	83	46246	19.896	ug/l	97
48) Methyl methacrylate	7.696	41	42383	21.032	ug/l	96
49) 1,4-Dioxane	7.665	88	20594	467.732	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	292853	107.626	ug/l	100
52) Toluene	8.720	92	88416	20.239	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	45856	20.042	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49754	19.657	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35506	20.162	ug/l	98
56) Ethyl methacrylate	9.116	69	56628	21.068	ug/l	99
57) 1,3-Dichloropropane	9.311	76	59081	20.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	117154	92.580	ug/l	95
59) 2-Hexanone	9.433	43	228439	110.116	ug/l	98
60) Dibromochloromethane	9.525	129	39360	20.148	ug/l	96
61) 1,2-Dibromoethane	9.610	107	37625	20.244	ug/l	99
64) Tetrachloroethene	9.275	164	34689	19.234	ug/l	90
65) Chlorobenzene	10.080	112	101537	19.661	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	36013	20.097	ug/l	99
67) Ethyl Benzene	10.195	91	168395	20.461	ug/l	99
68) m/p-Xylenes	10.299	106	131654	40.211	ug/l	94
69) o-Xylene	10.640	106	66215	20.329	ug/l	94
70) Styrene	10.653	104	107842	20.046	ug/l	96
71) Bromoform	10.799	173	30871	19.781	ug/l #	100
73) Isopropylbenzene	10.964	105	168440	21.364	ug/l	97
74) N-amyl acetate	10.842	43	75615	21.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	58290	20.833	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47897m	21.598	ug/l	
77) Bromobenzene	11.195	156	47837	20.555	ug/l	81
78) n-propylbenzene	11.305	91	184914	21.359	ug/l	97
79) 2-Chlorotoluene	11.366	91	116842	20.998	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	140155	21.291	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15731	19.333	ug/l	97
82) 4-Chlorotoluene	11.451	91	132171	20.878	ug/l	94
83) tert-Butylbenzene	11.713	119	149208	21.042	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	143498	21.515	ug/l	95
85) sec-Butylbenzene	11.890	105	174095	21.415	ug/l	96
86) p-Isopropyltoluene	12.006	119	153189	21.486	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	83966	20.202	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	85210	19.889	ug/l	96
89) n-Butylbenzene	12.329	91	117340	20.790	ug/l	97
90) Hexachloroethane	12.536	117	24606	20.291	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	87145	20.584	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12113	21.429	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	55260	19.805	ug/l	94
94) Hexachlorobutadiene	13.725	225	27199	19.676	ug/l	98
95) Naphthalene	13.774	128	170693	20.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57465	20.012	ug/l	96

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

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