

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041971.D
 Acq On : 21 Jun 2024 11:16
 Operator : JC/MD
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 22 04:39:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175155	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	250771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95020	47.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.100%
35) Dibromofluoromethane	5.385	113	86304	48.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.647	98	304412	48.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	113143	49.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22829	17.108	ug/l	98
3) Chloromethane	1.301	50	27203	16.250	ug/l	98
4) Vinyl Chloride	1.374	62	27775	16.552	ug/l	100
5) Bromomethane	1.593	94	15136	18.266	ug/l	94
6) Chloroethane	1.666	64	16819	22.411	ug/l	98
7) Trichlorofluoromethane	1.868	101	42967	19.543	ug/l	97
8) Diethyl Ether	2.136	74	18462	17.889	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	28123	18.569	ug/l	87
10) Methyl Iodide	2.441	142	32477	17.253	ug/l	# 87
11) Tert butyl alcohol	2.995	59	32172	83.931	ug/l	# 93
12) 1,1-Dichloroethene	2.307	96	26448	17.507	ug/l	82
13) Acrolein	2.239	56	39418	91.738	ug/l	100
14) Allyl chloride	2.654	41	44829	18.711	ug/l	89
15) Acrylonitrile	3.069	53	99773	99.651	ug/l	98
16) Acetone	2.392	43	80415	90.672	ug/l	90
17) Carbon Disulfide	2.502	76	46239	15.011	ug/l	99
18) Methyl Acetate	2.709	43	51750	21.390	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	96563	19.347	ug/l	99
20) Methylene Chloride	2.782	84	33435	17.217	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	26814	17.488	ug/l	85
22) Diisopropyl ether	3.764	45	96377	19.030	ug/l	95
23) Vinyl Acetate	3.721	43	409275	94.629	ug/l	97
24) 1,1-Dichloroethane	3.605	63	52043	18.350	ug/l	95
25) 2-Butanone	4.568	43	134588	97.544	ug/l	93
26) 2,2-Dichloropropane	4.471	77	38295	18.646	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	35783	18.634	ug/l	85
28) Bromochloromethane	4.898	49	23936	19.705	ug/l	# 75
29) Tetrahydrofuran	5.013	42	86493	97.063	ug/l	95
30) Chloroform	5.093	83	55521	18.791	ug/l	95
31) Cyclohexane	5.464	56	41307	17.488	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	46100	18.672	ug/l	96
36) 1,1-Dichloropropene	5.690	75	34491	18.254	ug/l	96
37) Ethyl Acetate	4.721	43	51139	20.777	ug/l	98
38) Carbon Tetrachloride	5.672	117	38964	18.664	ug/l	98
39) Methylcyclohexane	7.379	83	43988	18.408	ug/l	92
40) Benzene	6.038	78	118462	18.589	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26506	19.866	ug/l	91
42) 1,2-Dichloroethane	6.086	62	39681	19.331	ug/l	92
43) Isopropyl Acetate	6.348	43	72087	19.080	ug/l	95
44) Trichloroethene	7.123	130	31836	18.637	ug/l	83
45) 1,2-Dichloropropane	7.428	63	29447	18.793	ug/l	98
46) Dibromomethane	7.580	93	21476	18.811	ug/l #	75
47) Bromodichloromethane	7.824	83	39035	18.622	ug/l	99
48) Methyl methacrylate	7.696	41	35826	19.869	ug/l	87
49) 1,4-Dioxane	7.671	88	17684m	383.207	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	262012	100.678	ug/l	96
52) Toluene	8.720	92	75923	18.710	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	38324	18.153	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	43532	18.969	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	33033	19.540	ug/l	94
56) Ethyl methacrylate	9.116	69	50731	19.290	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	52996	19.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	123421	100.705	ug/l	94
59) 2-Hexanone	9.433	43	199590	100.132	ug/l	93
60) Dibromochloromethane	9.525	129	34529	18.804	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34043	19.418	ug/l	97
64) Tetrachloroethene	9.275	164	32006	19.318	ug/l	91
65) Chlorobenzene	10.080	112	89320	18.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32546	19.642	ug/l	98
67) Ethyl Benzene	10.195	91	140748	18.977	ug/l	97
68) m/p-Xylenes	10.299	106	114035	38.088	ug/l	93
69) o-Xylene	10.640	106	57140	19.277	ug/l	93
70) Styrene	10.659	104	97402	19.596	ug/l	93
71) Bromoform	10.799	173	27002	17.934	ug/l #	99
73) Isopropylbenzene	10.964	105	146910	19.569	ug/l	97
74) N-amyl acetate	10.842	43	62350	18.697	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	54771	19.621	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	42844m	19.115	ug/l	
77) Bromobenzene	11.201	156	42510	19.013	ug/l	79
78) n-propylbenzene	11.305	91	159292	19.556	ug/l	96
79) 2-Chlorotoluene	11.366	91	101058	19.256	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	122477	19.587	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13740	17.409	ug/l	94
82) 4-Chlorotoluene	11.451	91	113339	19.536	ug/l	92
83) tert-Butylbenzene	11.713	119	134269	19.569	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	124601	19.862	ug/l	93
85) sec-Butylbenzene	11.890	105	153917	19.833	ug/l	96
86) p-Isopropyltoluene	12.006	119	134523	19.844	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	74710	19.010	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	78040	19.354	ug/l	95
89) n-Butylbenzene	12.335	91	99591	19.084	ug/l	97
90) Hexachloroethane	12.536	117	21007	18.201	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	77554	19.285	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10713	19.366	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.585	180	49613	18.833	ug/l	96
94) Hexachlorobutadiene	13.725	225	25292	18.986	ug/l	99
95) Naphthalene	13.774	128	158150	18.347	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53496	19.254	ug/l	95

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

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

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