

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041740.D
 Acq On : 05 Jun 2024 11:06
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 02:10:22 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	177953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109406	50.128	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.260%			
35) Dibromofluoromethane	5.385	113	85925	49.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.060%			
50) Toluene-d8	8.647	98	301617	49.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.500%			
62) 4-Bromofluorobenzene	11.079	95	112461	49.756	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31215	19.963	ug/l	95
3) Chloromethane	1.300	50	32004	18.759	ug/l	98
4) Vinyl Chloride	1.374	62	33396	19.015	ug/l	97
5) Bromomethane	1.599	94	22832	18.667	ug/l	98
6) Chloroethane	1.672	64	21606	20.354	ug/l	98
7) Trichlorofluoromethane	1.880	101	56057	19.546	ug/l	100
8) Diethyl Ether	2.136	74	22121	20.013	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	32162	19.791	ug/l	88
10) Methyl Iodide	2.447	142	41774	20.614	ug/l	92
11) Tert butyl alcohol	2.977	59	48342	125.209	ug/l	# 94
12) 1,1-Dichloroethene	2.312	96	30418	19.176	ug/l	90
13) Acrolein	2.239	56	32723	91.027	ug/l	100
14) Allyl chloride	2.660	41	55029	21.087	ug/l	99
15) Acrylonitrile	3.068	53	107093	113.104	ug/l	99
16) Acetone	2.386	43	101537	104.414	ug/l	96
17) Carbon Disulfide	2.508	76	64816	18.471	ug/l	98
18) Methyl Acetate	2.709	43	48538	23.291	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	111201	20.953	ug/l	100
20) Methylene Chloride	2.788	84	36666	18.773	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	31896	19.380	ug/l	89
22) Diisopropyl ether	3.763	45	112087	21.017	ug/l	95
23) Vinyl Acetate	3.721	43	520830	108.703	ug/l	98
24) 1,1-Dichloroethane	3.605	63	60634	20.106	ug/l	99
25) 2-Butanone	4.562	43	154161	113.649	ug/l	96
26) 2,2-Dichloropropane	4.477	77	46904	18.957	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	40039	20.351	ug/l	92
28) Bromochloromethane	4.897	49	25814	19.874	ug/l	# 82
29) Tetrahydrofuran	5.007	42	99120	115.867	ug/l	97
30) Chloroform	5.092	83	64627	20.411	ug/l	94
31) Cyclohexane	5.464	56	49322	19.141	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	55477	19.994	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40783	19.217	ug/l	95
37) Ethyl Acetate	4.721	43	58622	21.888	ug/l	100
38) Carbon Tetrachloride	5.672	117	48000	19.908	ug/l	97
39) Methylcyclohexane	7.379	83	53472	20.509	ug/l	93
40) Benzene	6.037	78	135178	20.379	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30526	23.305	ug/l	95
42) 1,2-Dichloroethane	6.086	62	53093	21.441	ug/l	97
43) Isopropyl Acetate	6.342	43	87701	21.689	ug/l	99
44) Trichloroethene	7.123	130	36178	20.054	ug/l	91
45) 1,2-Dichloropropane	7.427	63	33489	21.234	ug/l	95
46) Dibromomethane	7.580	93	25759	21.294	ug/l #	81
47) Bromodichloromethane	7.824	83	47476	21.196	ug/l	97
48) Methyl methacrylate	7.696	41	43218	22.256	ug/l	95
49) 1,4-Dioxane	7.665	88	19992	471.194	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	298167	113.714	ug/l	98
52) Toluene	8.720	92	86165	20.468	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	46145	20.930	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	50643	20.764	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	35903	21.157	ug/l	98
56) Ethyl methacrylate	9.116	69	55562	21.451	ug/l	98
57) 1,3-Dichloropropane	9.311	76	60068	21.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	121067	99.282	ug/l	95
59) 2-Hexanone	9.433	43	233119	116.613	ug/l	98
60) Dibromochloromethane	9.518	129	39503	20.985	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38700	21.608	ug/l	100
64) Tetrachloroethene	9.275	164	35428	20.396	ug/l	90
65) Chlorobenzene	10.079	112	100633	20.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	35796	20.740	ug/l	99
67) Ethyl Benzene	10.195	91	162873	20.547	ug/l	98
68) m/p-Xylenes	10.299	106	131528	41.710	ug/l	94
69) o-Xylene	10.640	106	63366	20.199	ug/l	96
70) Styrene	10.652	104	106853	20.622	ug/l	96
71) Bromoform	10.799	173	30998	20.623	ug/l #	100
73) Isopropylbenzene	10.963	105	165491	21.429	ug/l	97
74) N-amyl acetate	10.841	43	75483	22.064	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	58222	21.243	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48068m	22.128	ug/l	
77) Bromobenzene	11.195	156	46665	20.471	ug/l	81
78) n-propylbenzene	11.305	91	182876	21.565	ug/l	97
79) 2-Chlorotoluene	11.366	91	115614	21.211	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	136726	21.204	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16291	20.440	ug/l	100
82) 4-Chlorotoluene	11.457	91	128837	20.777	ug/l	93
83) tert-Butylbenzene	11.713	119	143951	20.725	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	139655	21.377	ug/l	95
85) sec-Butylbenzene	11.890	105	170501	21.412	ug/l	96
86) p-Isopropyltoluene	12.006	119	149898	21.464	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	83470	20.503	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	83487	19.894	ug/l	95
89) n-Butylbenzene	12.335	91	117611	21.273	ug/l	98
90) Hexachloroethane	12.536	117	23549	19.825	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	84188	20.301	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12609	22.773	ug/l	66
93) 1,2,4-Trichlorobenzene	13.591	180	54971	20.113	ug/l	96
94) Hexachlorobutadiene	13.725	225	27723	20.474	ug/l	98
95) Naphthalene	13.774	128	173478	21.510	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57596	20.477	ug/l	95

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

