

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041922.D
 Acq On : 18 Jun 2024 14:48
 Operator : JC/MD
 Sample : VX0618WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 08:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	188306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	267494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103887	47.843	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.680%		
35) Dibromofluoromethane	5.385	113	93874	49.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	8.647	98	335580	50.328	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.660%		
62) 4-Bromofluorobenzene	11.079	95	127015	51.676	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	28183	19.645	ug/l	100
3) Chloromethane	1.307	50	32981	18.325	ug/l	98
4) Vinyl Chloride	1.374	62	33219	18.413	ug/l	96
5) Bromomethane	1.593	94	16147	18.125	ug/l	99
6) Chloroethane	1.666	64	18721	23.319	ug/l	100
7) Trichlorofluoromethane	1.867	101	51002	21.578	ug/l	97
8) Diethyl Ether	2.136	74	22287	20.087	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.312	101	33246	20.419	ug/l	87
10) Methyl Iodide	2.440	142	40383	19.955	ug/l	# 87
11) Tert butyl alcohol	3.001	59	39961	96.970	ug/l	# 91
12) 1,1-Dichloroethene	2.306	96	31203	19.212	ug/l	83
13) Acrolein	2.239	56	45111	97.655	ug/l	97
14) Allyl chloride	2.654	41	50740	19.699	ug/l	91
15) Acrylonitrile	3.068	53	112916	104.902	ug/l	98
16) Acetone	2.392	43	93479	98.041	ug/l	# 89
17) Carbon Disulfide	2.501	76	59140	17.858	ug/l	100
18) Methyl Acetate	2.709	43	55303	21.262	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	109312	20.372	ug/l	99
20) Methylene Chloride	2.782	84	38787	18.578	ug/l	# 89
21) trans-1,2-Dichloroethene	3.087	96	31660	19.207	ug/l	87
22) Diisopropyl ether	3.769	45	110229	20.245	ug/l	86
23) Vinyl Acetate	3.727	43	480372	103.311	ug/l	95
24) 1,1-Dichloroethane	3.605	63	59839	19.626	ug/l	97
25) 2-Butanone	4.568	43	150447	101.423	ug/l	93
26) 2,2-Dichloropropane	4.471	77	42571	19.281	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	40845	19.784	ug/l	86
28) Bromochloromethane	4.903	49	22780	17.443	ug/l	# 72
29) Tetrahydrofuran	5.019	42	99673	104.043	ug/l	95
30) Chloroform	5.092	83	63135	19.876	ug/l	99
31) Cyclohexane	5.464	56	48953	19.277	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	52146	19.646	ug/l	95
36) 1,1-Dichloropropene	5.690	75	40280	19.985	ug/l	95
37) Ethyl Acetate	4.727	43	57472	21.890	ug/l	97
38) Carbon Tetrachloride	5.672	117	43909	19.717	ug/l	98
39) Methylcyclohexane	7.379	83	51934	20.375	ug/l	93
40) Benzene	6.037	78	137631	20.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31095	21.848	ug/l	93
42) 1,2-Dichloroethane	6.086	62	45514	20.787	ug/l	90
43) Isopropyl Acetate	6.348	43	83548	20.731	ug/l	94
44) Trichloroethene	7.123	130	37160	20.394	ug/l	88
45) 1,2-Dichloropropane	7.433	63	34948	20.909	ug/l	100
46) Dibromomethane	7.580	93	25275	20.754	ug/l #	77
47) Bromodichloromethane	7.824	83	45207	20.219	ug/l	97
48) Methyl methacrylate	7.696	41	41050	21.343	ug/l	87
49) 1,4-Dioxane	7.665	88	21393	431.925	ug/l #	81
51) 4-Methyl-2-Pentanone	8.573	43	300427	108.222	ug/l	96
52) Toluene	8.720	92	88737	20.500	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	45153	19.940	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	50647	20.690	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	38069	21.111	ug/l	98
56) Ethyl methacrylate	9.122	69	60268	21.484	ug/l	89
57) 1,3-Dichloropropane	9.311	76	61880	21.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	138239	105.744	ug/l	94
59) 2-Hexanone	9.433	43	230249	108.291	ug/l	93
60) Dibromochloromethane	9.525	129	40510	20.682	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40351	21.577	ug/l	100
64) Tetrachloroethene	9.275	164	36004	20.024	ug/l	92
65) Chlorobenzene	10.079	112	105462	20.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37240	20.709	ug/l	98
67) Ethyl Benzene	10.195	91	165139	20.516	ug/l	96
68) m/p-Xylenes	10.299	106	134703	41.457	ug/l	93
69) o-Xylene	10.640	106	67867	21.097	ug/l	91
70) Styrene	10.652	104	113872	21.110	ug/l	94
71) Bromoform	10.799	173	32035	19.498	ug/l #	99
73) Isopropylbenzene	10.963	105	173036	21.185	ug/l	97
74) N-amyl acetate	10.841	43	75088	20.696	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	62800	20.678	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	49363m	20.242	ug/l	
77) Bromobenzene	11.201	156	50655	20.824	ug/l	78
78) n-propylbenzene	11.305	91	186866	21.086	ug/l	96
79) 2-Chlorotoluene	11.366	91	119014	20.844	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	145036	21.319	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16406	19.106	ug/l	93
82) 4-Chlorotoluene	11.457	91	132344	20.967	ug/l	92
83) tert-Butylbenzene	11.713	119	157547	21.105	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	146916	21.525	ug/l	92
85) sec-Butylbenzene	11.890	105	182817	21.652	ug/l	96
86) p-Isopropyltoluene	12.012	119	157745	21.387	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	88851	20.780	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	88688	20.263	ug/l	96
89) n-Butylbenzene	12.335	91	117637	20.720	ug/l	97
90) Hexachloroethane	12.536	117	24928	19.852	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	91666	20.951	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12544	20.843	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.591	180	58846	20.532	ug/l	95
94) Hexachlorobutadiene	13.725	225	30654	21.151	ug/l	98
95) Naphthalene	13.774	128	186874	19.861	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63940	21.152	ug/l	97

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

