

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041509.D
 Acq On : 14 May 2024 10:54
 Operator : JC/MD
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Quant Time: May 15 00:55:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175812	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	250259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106115	55.443	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.880%			
35) Dibromofluoromethane	5.385	113	85609	50.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.647	98	298281	55.569	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.140%			
62) 4-Bromofluorobenzene	11.079	95	113692	54.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	25571	17.701	ug/l	100
3) Chloromethane	1.295	50	23974	16.037	ug/l	98
4) Vinyl Chloride	1.374	62	26724	18.753	ug/l	95
5) Bromomethane	1.599	94	18105	20.266	ug/l	98
6) Chloroethane	1.666	64	14850	22.443	ug/l	89
7) Trichlorofluoromethane	1.868	101	49996	20.346	ug/l	99
8) Diethyl Ether	2.136	74	17400	20.090	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	30099	21.793	ug/l #	87
10) Methyl Iodide	2.447	142	29334	19.734	ug/l	90
11) Tert butyl alcohol	3.002	59	40127	104.747	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	27653	20.297	ug/l	85
13) Acrolein	2.240	56	37802	124.386	ug/l	98
14) Allyl chloride	2.660	41	48161	21.041	ug/l	99
15) Acrylonitrile	3.069	53	90502	103.512	ug/l	98
16) Acetone	2.386	43	94656	110.118	ug/l	97
17) Carbon Disulfide	2.502	76	50830	15.871	ug/l	99
18) Methyl Acetate	2.709	43	45132	23.048	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	100512	20.238	ug/l	100
20) Methylene Chloride	2.788	84	32765	19.719	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	28240	18.548	ug/l	91
22) Diisopropyl ether	3.764	45	101999	21.026	ug/l	95
23) Vinyl Acetate	3.721	43	445181	102.591	ug/l	97
24) 1,1-Dichloroethane	3.605	63	54979	20.061	ug/l	97
25) 2-Butanone	4.568	43	134270	108.390	ug/l	98
26) 2,2-Dichloropropane	4.477	77	45972	20.063	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	36400	20.192	ug/l	91
28) Bromochloromethane	4.904	49	19376	19.810	ug/l #	78
29) Tetrahydrofuran	5.013	42	83131	102.612	ug/l	96
30) Chloroform	5.093	83	59365	20.821	ug/l	94
31) Cyclohexane	5.458	56	42978	18.605	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	51913	20.012	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36236	17.869	ug/l	95
37) Ethyl Acetate	4.715	43	49921	19.729	ug/l	99
38) Carbon Tetrachloride	5.672	117	43673	18.799	ug/l	97
39) Methylcyclohexane	7.373	83	45667	19.168	ug/l	93
40) Benzene	6.038	78	119080	19.048	ug/l	99

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41) Methacrylonitrile	4.928	41	25861	19.858	ug/l	92
42) 1,2-Dichloroethane	6.086	62	47104	20.559	ug/l	97
43) Isopropyl Acetate	6.349	43	76414	20.085	ug/l	99
44) Trichloroethene	7.129	130	32950	19.960	ug/l	83
45) 1,2-Dichloropropane	7.428	63	29790	21.328	ug/l	98
46) Dibromomethane	7.586	93	22418	20.161	ug/l #	80
47) Bromodichloromethane	7.824	83	42039	21.216	ug/l	98
48) Methyl methacrylate	7.696	41	37803	21.676	ug/l	97
49) 1,4-Dioxane	7.671	88	16411	435.236	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	260208	113.983	ug/l	100
52) Toluene	8.720	92	77372	20.232	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	40389	19.120	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44847	20.588	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	32368	21.978	ug/l	97
56) Ethyl methacrylate	9.116	69	50420	22.121	ug/l	100
57) 1,3-Dichloropropane	9.305	76	53893	21.926	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	114368	103.485	ug/l	94
59) 2-Hexanone	9.433	43	204961	112.279	ug/l	99
60) Dibromochloromethane	9.519	129	35767	20.630	ug/l	97
61) 1,2-Dibromoethane	9.610	107	33506	20.680	ug/l	99
64) Tetrachloroethene	9.269	164	31571	19.367	ug/l	90
65) Chlorobenzene	10.080	112	91902	20.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	32298	20.002	ug/l	99
67) Ethyl Benzene	10.195	91	147607	19.577	ug/l	97
68) m/p-Xylenes	10.299	106	117596	38.947	ug/l	94
69) o-Xylene	10.640	106	58644	20.285	ug/l	95
70) Styrene	10.659	104	96496	20.341	ug/l	96
71) Bromoform	10.799	173	28235	19.538	ug/l #	100
73) Isopropylbenzene	10.964	105	153125	20.112	ug/l	97
74) N-amyl acetate	10.842	43	66151	19.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	53471	21.433	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42114m	20.719	ug/l	
77) Bromobenzene	11.195	156	43239	20.122	ug/l	80
78) n-propylbenzene	11.305	91	164485	20.570	ug/l	97
79) 2-Chlorotoluene	11.366	91	104807	20.339	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	125790	20.268	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13773	18.457	ug/l	96
82) 4-Chlorotoluene	11.451	91	119152	20.368	ug/l	93
83) tert-Butylbenzene	11.713	119	137987	20.762	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	128562	20.587	ug/l	95
85) sec-Butylbenzene	11.890	105	157398	20.665	ug/l	96
86) p-Isopropyltoluene	12.006	119	136371	19.936	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	77358	19.806	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	79371	19.724	ug/l	96
89) n-Butylbenzene	12.329	91	106007	19.272	ug/l	97
90) Hexachloroethane	12.536	117	21654	18.929	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	80867	19.602	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11367	19.718	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	53160	18.435	ug/l	96
94) Hexachlorobutadiene	13.725	225	26506	18.407	ug/l	98
95) Naphthalene	13.774	128	160268	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55078	18.689	ug/l	96

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

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