

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041970.D
 Acq On : 21 Jun 2024 10:48
 Operator : JC/MD
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 22 04:38:52 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	183798	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101307	47.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.600%		
35) Dibromofluoromethane	5.385	113	91630	48.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.647	98	319985	48.222	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.440%		
62) 4-Bromofluorobenzene	11.079	95	116825	47.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	23578	16.839	ug/l	98
3) Chloromethane	1.301	50	29577	16.837	ug/l	98
4) Vinyl Chloride	1.374	62	29396	16.694	ug/l	100
5) Bromomethane	1.593	94	16120	18.539	ug/l	98
6) Chloroethane	1.666	64	16144	20.220	ug/l	97
7) Trichlorofluoromethane	1.868	101	45622	19.775	ug/l	96
8) Diethyl Ether	2.136	74	19488	17.995	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	29093	18.306	ug/l #	85
10) Methyl Iodide	2.441	142	33536	16.978	ug/l #	87
11) Tert butyl alcohol	2.995	59	34901	86.769	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	27747	17.503	ug/l	85
13) Acrolein	2.240	56	42912	95.173	ug/l	96
14) Allyl chloride	2.660	41	47902	19.053	ug/l	89
15) Acrylonitrile	3.075	53	98374	93.634	ug/l	98
16) Acetone	2.392	43	85937	92.342	ug/l #	88
17) Carbon Disulfide	2.502	76	48966	15.149	ug/l	99
18) Methyl Acetate	2.709	43	53288	20.990	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	98409	18.790	ug/l	98
20) Methylene Chloride	2.788	84	34725	17.041	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	28128	17.483	ug/l	91
22) Diisopropyl ether	3.770	45	100539	18.919	ug/l #	84
23) Vinyl Acetate	3.727	43	422983	93.200	ug/l	96
24) 1,1-Dichloroethane	3.605	63	55788	18.746	ug/l	97
25) 2-Butanone	4.568	43	133667	92.321	ug/l	94
26) 2,2-Dichloropropane	4.471	77	41949	19.465	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	37103	18.413	ug/l	88
28) Bromochloromethane	4.904	49	24605	19.303	ug/l #	74
29) Tetrahydrofuran	5.013	42	85036	90.941	ug/l	94
30) Chloroform	5.093	83	57978	18.700	ug/l	94
31) Cyclohexane	5.471	56	42528	17.158	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	48696	18.796	ug/l	96
36) 1,1-Dichloropropene	5.690	75	35913	17.905	ug/l	94
37) Ethyl Acetate	4.727	43	49327	18.879	ug/l	98
38) Carbon Tetrachloride	5.672	117	40490	18.270	ug/l	100
39) Methylcyclohexane	7.379	83	44231	17.437	ug/l	93
40) Benzene	6.038	78	124499	18.404	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26245	18.530	ug/l	91
42) 1,2-Dichloroethane	6.092	62	41999	19.274	ug/l	93
43) Isopropyl Acetate	6.349	43	73364	18.293	ug/l	94
44) Trichloroethene	7.129	130	33110	18.260	ug/l	86
45) 1,2-Dichloropropane	7.434	63	32044	19.265	ug/l	99
46) Dibromomethane	7.580	93	22590	18.639	ug/l #	77
47) Bromodichloromethane	7.824	83	41469	18.637	ug/l	98
48) Methyl methacrylate	7.696	41	35864	18.737	ug/l	87
49) 1,4-Dioxane	7.671	88	17428	357.192	ug/l #	74
51) 4-Methyl-2-Pentanone	8.574	43	263941	95.539	ug/l	96
52) Toluene	8.720	92	80113	18.598	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	40438	18.050	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	45525	18.688	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	34638	19.302	ug/l	98
56) Ethyl methacrylate	9.116	69	52021	18.634	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	54961	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	126779	97.448	ug/l	94
59) 2-Hexanone	9.433	43	201260	95.116	ug/l	93
60) Dibromochloromethane	9.519	129	36129	18.534	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34875	18.739	ug/l	99
64) Tetrachloroethene	9.275	164	32572	18.680	ug/l	90
65) Chlorobenzene	10.080	112	92637	18.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	33216	19.048	ug/l	99
67) Ethyl Benzene	10.195	91	147165	18.854	ug/l	99
68) m/p-Xylenes	10.299	106	118356	37.563	ug/l	92
69) o-Xylene	10.640	106	59712	19.142	ug/l	92
70) Styrene	10.659	104	99964	19.110	ug/l	94
71) Bromoform	10.799	173	28194	17.802	ug/l #	99
73) Isopropylbenzene	10.964	105	151472	19.752	ug/l	97
74) N-amyl acetate	10.842	43	63971	18.779	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	55707	19.536	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	43320m	18.920	ug/l	
77) Bromobenzene	11.195	156	43601	19.090	ug/l	79
78) n-propylbenzene	11.305	91	163213	19.615	ug/l	97
79) 2-Chlorotoluene	11.366	91	105167	19.617	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	125765	19.689	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13957	17.311	ug/l	93
82) 4-Chlorotoluene	11.457	91	115857	19.549	ug/l	93
83) tert-Butylbenzene	11.713	119	134930	19.251	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	126496	19.739	ug/l	93
85) sec-Butylbenzene	11.890	105	154971	19.548	ug/l	96
86) p-Isopropyltoluene	12.006	119	135483	19.564	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	77601	19.330	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	77870	18.905	ug/l	96
89) n-Butylbenzene	12.329	91	100741	18.898	ug/l	96
90) Hexachloroethane	12.536	117	21378	18.132	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	79292	19.302	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10721	18.973	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	49463	18.381	ug/l	95
94) Hexachlorobutadiene	13.725	225	25471	18.718	ug/l	98
95) Naphthalene	13.774	128	155554	17.693	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53011	18.678	ug/l	95

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

