

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041317.D
 Acq On : 01 May 2024 11:39
 Operator : JC/MD
 Sample : VX0501WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 03:06:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177985	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105548	54.473	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.940%			
35) Dibromofluoromethane	5.385	113	85295	55.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.180%			
50) Toluene-d8	8.647	98	265679	54.214	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.420%			
62) 4-Bromofluorobenzene	11.079	95	118134	62.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.540%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	33817	23.123	ug/l	98
3) Chloromethane	1.301	50	33663	22.244	ug/l	99
4) Vinyl Chloride	1.374	62	33677	23.343	ug/l	100
5) Bromomethane	1.599	94	18928	20.929	ug/l	98
6) Chloroethane	1.666	64	14603	21.801	ug/l	96
7) Trichlorofluoromethane	1.867	101	49630	19.950	ug/l	98
8) Diethyl Ether	2.136	74	20272	23.120	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.319	101	31117	22.255	ug/l #	87
10) Methyl Iodide	2.447	142	31516	20.943	ug/l	90
11) Tert butyl alcohol	3.014	59	39771	102.551	ug/l #	87
12) 1,1-Dichloroethene	2.306	96	30043	21.782	ug/l	90
13) Acrolein	2.239	56	31010	100.792	ug/l	96
14) Allyl chloride	2.660	41	53690	23.170	ug/l	97
15) Acrylonitrile	3.068	53	102072	115.320	ug/l	98
16) Acetone	2.392	43	102171	117.672	ug/l	98
17) Carbon Disulfide	2.502	76	68408	21.099	ug/l	100
18) Methyl Acetate	2.709	43	45709	23.058	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	114597	22.792	ug/l	99
20) Methylene Chloride	2.788	84	36880	21.925	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	32518	21.097	ug/l	86
22) Diisopropyl ether	3.764	45	109435	22.284	ug/l	97
23) Vinyl Acetate	3.721	43	518038	117.923	ug/l	96
24) 1,1-Dichloroethane	3.605	63	59998	21.625	ug/l	95
25) 2-Butanone	4.568	43	150127	119.711	ug/l	98
26) 2,2-Dichloropropane	4.471	77	50355	21.708	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	41182	22.565	ug/l	90
28) Bromochloromethane	4.897	49	16571	16.736	ug/l #	76
29) Tetrahydrofuran	5.013	42	94655	115.410	ug/l	94
30) Chloroform	5.093	83	63910	22.141	ug/l	98
31) Cyclohexane	5.464	56	44701	19.115	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	52548	20.010	ug/l	97
36) 1,1-Dichloropropene	5.690	75	34709	18.747	ug/l	94
37) Ethyl Acetate	4.721	43	58203	25.195	ug/l	99
38) Carbon Tetrachloride	5.672	117	43028	20.287	ug/l	98
39) Methylcyclohexane	7.379	83	42435	19.510	ug/l	95
40) Benzene	6.037	78	124738	21.855	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30290	25.476	ug/l	96
42) 1,2-Dichloroethane	6.086	62	47900	22.900	ug/l	96
43) Isopropyl Acetate	6.348	43	72044	20.742	ug/l	98
44) Trichloroethene	7.123	130	30012	19.914	ug/l	92
45) 1,2-Dichloropropane	7.427	63	26988	21.164	ug/l	98
46) Dibromomethane	7.580	93	21929	21.602	ug/l #	77
47) Bromodichloromethane	7.824	83	40096	22.165	ug/l	96
48) Methyl methacrylate	7.696	41	36421	22.874	ug/l	95
49) 1,4-Dioxane	7.671	88	16215m	471.033	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	252031	120.925	ug/l	100
52) Toluene	8.720	92	73302	20.995	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	40518	22.606	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43371	21.808	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	33344	24.799	ug/l	96
56) Ethyl methacrylate	9.116	69	53118	25.526	ug/l	98
57) 1,3-Dichloropropane	9.305	76	58814	26.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	103887	102.962	ug/l	93
59) 2-Hexanone	9.433	43	229391	137.641	ug/l	97
60) Dibromochloromethane	9.519	129	39876	25.192	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39274	26.550	ug/l	100
64) Tetrachloroethene	9.269	164	35220	19.287	ug/l	89
65) Chlorobenzene	10.079	112	101626	19.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	36307	20.072	ug/l	98
67) Ethyl Benzene	10.195	91	164875	19.521	ug/l	98
68) m/p-Xylenes	10.299	106	129520	38.294	ug/l	93
69) o-Xylene	10.640	106	66124	20.418	ug/l	93
70) Styrene	10.653	104	108448	20.408	ug/l	95
71) Bromoform	10.799	173	32004	19.770	ug/l #	99
73) Isopropylbenzene	10.963	105	164791	19.629	ug/l	97
74) N-amyl acetate	10.842	43	77380	21.097	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	57711	20.979	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	47762m	21.310	ug/l	
77) Bromobenzene	11.195	156	48404	20.428	ug/l	79
78) n-propylbenzene	11.305	91	177865	20.172	ug/l	96
79) 2-Chlorotoluene	11.366	91	114731	20.192	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	138300	20.208	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16143	19.618	ug/l	99
82) 4-Chlorotoluene	11.451	91	129509	20.077	ug/l	92
83) tert-Butylbenzene	11.713	119	146999	20.058	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	141553	20.556	ug/l	94
85) sec-Butylbenzene	11.890	105	167675	19.964	ug/l	95
86) p-Isopropyltoluene	12.006	119	149883	19.871	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	84456	19.610	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	85780	19.332	ug/l	95
89) n-Butylbenzene	12.335	91	111431	18.372	ug/l	97
90) Hexachloroethane	12.536	117	23535	18.657	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	87153	19.159	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13032	20.501	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	60193	18.930	ug/l	96
94) Hexachlorobutadiene	13.725	225	28088	17.689	ug/l	99
95) Naphthalene	13.774	128	195755	20.774	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63826	19.640	ug/l	97

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

