

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050824\
 Data File : VX041416.D
 Acq On : 08 May 2024 12:51
 Operator : JC/MD
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Quant Time: May 09 05:30:51 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 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	163117	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	261511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139518	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	95664	53.872	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.740%	
35) Dibromofluoromethane	5.379	113	77084	43.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 87.000%	
50) Toluene-d8	8.647	98	317454	56.596	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 113.200%#	
62) 4-Bromofluorobenzene	11.079	95	123673	56.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.920%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	30517	22.768	ug/l	97
3) Chloromethane	1.300	50	28454	20.516	ug/l	99
4) Vinyl Chloride	1.374	62	28828	21.804	ug/l	96
5) Bromomethane	1.599	94	19375	23.376	ug/l	98
6) Chloroethane	1.666	64	15897	25.896	ug/l	90
7) Trichlorofluoromethane	1.867	101	52764	23.143	ug/l	97
8) Diethyl Ether	2.136	74	18664	23.226	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.312	101	29120	22.725	ug/l	91
10) Methyl Iodide	2.440	142	25176	18.255	ug/l	92
11) Tert butyl alcohol	3.001	59	35724	100.512	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	25629	20.276	ug/l	90
13) Acrolein	2.239	56	27949	99.123	ug/l	99
14) Allyl chloride	2.654	41	43735	20.594	ug/l	96
15) Acrylonitrile	3.068	53	82956	102.266	ug/l	99
16) Acetone	2.392	43	88313	110.757	ug/l	99
17) Carbon Disulfide	2.501	76	51706	17.401	ug/l	100
18) Methyl Acetate	2.709	43	39000	21.466	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	91852	19.934	ug/l	99
20) Methylene Chloride	2.782	84	29946	19.425	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	27180	19.241	ug/l	91
22) Diisopropyl ether	3.763	45	90621	20.135	ug/l	90
23) Vinyl Acetate	3.721	43	415835	103.287	ug/l	98
24) 1,1-Dichloroethane	3.605	63	50542	19.877	ug/l	97
25) 2-Butanone	4.562	43	125357	109.071	ug/l	95
26) 2,2-Dichloropropane	4.471	77	42986	20.220	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	33432	19.989	ug/l	92
28) Bromochloromethane	4.897	49	19179	21.135	ug/l	# 80
29) Tetrahydrofuran	5.007	42	77893	103.630	ug/l	97
30) Chloroform	5.086	83	55857	21.115	ug/l	98
31) Cyclohexane	5.458	56	42066	19.628	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	49075	20.391	ug/l	98
36) 1,1-Dichloropropene	5.684	75	36017	16.996	ug/l	96
37) Ethyl Acetate	4.714	43	46545	17.603	ug/l	100
38) Carbon Tetrachloride	5.665	117	42535	17.521	ug/l	93
39) Methylcyclohexane	7.373	83	53508	21.493	ug/l	93
40) Benzene	6.031	78	113674	17.401	ug/l	99

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41) Methacrylonitrile	4.922	41	24486	17.993	ug/l	95
42) 1,2-Dichloroethane	6.080	62	44741	18.688	ug/l	96
43) Isopropyl Acetate	6.342	43	79724	20.054	ug/l	98
44) Trichloroethene	7.123	130	36317	21.053	ug/l	85
45) 1,2-Dichloropropane	7.427	63	31726	21.737	ug/l	98
46) Dibromomethane	7.580	93	24793	21.338	ug/l #	80
47) Bromodichloromethane	7.818	83	46163	22.295	ug/l	98
48) Methyl methacrylate	7.696	41	40941	22.465	ug/l	96
49) 1,4-Dioxane	7.665	88	18049m	458.081	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	285653	119.745	ug/l	99
52) Toluene	8.714	92	88092	22.044	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	46064	20.645	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	50126	22.021	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35579	23.119	ug/l	97
56) Ethyl methacrylate	9.116	69	55881	23.462	ug/l	99
57) 1,3-Dichloropropane	9.305	76	58129	22.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	121306	105.040	ug/l	95
59) 2-Hexanone	9.433	43	229169	120.138	ug/l	97
60) Dibromochloromethane	9.518	129	39834	21.987	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38188	22.555	ug/l	100
64) Tetrachloroethene	9.269	164	36194	20.350	ug/l	92
65) Chlorobenzene	10.079	112	103193	20.696	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	36070	20.474	ug/l	98
67) Ethyl Benzene	10.195	91	165486	20.117	ug/l	98
68) m/p-Xylenes	10.299	106	131419	39.893	ug/l	97
69) o-Xylene	10.640	106	65542	20.779	ug/l	96
70) Styrene	10.652	104	108361	20.936	ug/l	96
71) Bromoform	10.799	173	31582	20.031	ug/l #	98
73) Isopropylbenzene	10.963	105	172942	20.307	ug/l	97
74) N-amyl acetate	10.841	43	75646	20.331	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	59073	21.168	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48195m	21.197	ug/l	
77) Bromobenzene	11.195	156	48958	20.368	ug/l	80
78) n-propylbenzene	11.305	91	190477	21.295	ug/l	96
79) 2-Chlorotoluene	11.366	91	118553	20.567	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	144414	20.801	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15400	18.449	ug/l	94
82) 4-Chlorotoluene	11.457	91	134881	20.612	ug/l	92
83) tert-Butylbenzene	11.713	119	156142	21.002	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	146623	20.989	ug/l	95
85) sec-Butylbenzene	11.890	105	184207	21.621	ug/l	96
86) p-Isopropyltoluene	12.006	119	161306	21.081	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	90281	20.664	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	91301	20.283	ug/l	96
89) n-Butylbenzene	12.335	91	124295	20.201	ug/l	96
90) Hexachloroethane	12.536	117	24783	19.367	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	92169	19.973	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12796	19.843	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	63856	19.796	ug/l	95
94) Hexachlorobutadiene	13.725	225	31963	19.843	ug/l	99
95) Naphthalene	13.774	128	190291	19.907	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65133	19.757	ug/l	94

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

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