

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042132.D
 Acq On : 02 Jul 2024 12:14
 Operator : JC/MD
 Sample : VX0702WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 03 03:31:12 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	164203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	229083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80448	42.487	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.980%
35) Dibromofluoromethane	5.385	113	75479	46.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.647	98	256092	44.847	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.700%#
62) 4-Bromofluorobenzene	11.079	95	99350	47.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	27710	22.151	ug/l	99
3) Chloromethane	1.301	50	28310	18.039	ug/l	96
4) Vinyl Chloride	1.374	62	28219	17.938	ug/l	99
5) Bromomethane	1.599	94	17253	22.210	ug/l	95
6) Chloroethane	1.666	64	15794	22.454	ug/l	97
7) Trichlorofluoromethane	1.874	101	43549	21.129	ug/l	96
8) Diethyl Ether	2.136	74	17148	17.724	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.319	101	28523	20.089	ug/l	# 86
10) Methyl Iodide	2.447	142	32679	18.518	ug/l	# 87
11) Tert butyl alcohol	2.989	59	37023	103.028	ug/l	# 94
12) 1,1-Dichloroethene	2.313	96	27160	19.177	ug/l	# 77
13) Acrolein	2.239	56	34420	85.449	ug/l	97
14) Allyl chloride	2.660	41	43586	19.405	ug/l	88
15) Acrylonitrile	3.068	53	88203	93.971	ug/l	98
16) Acetone	2.386	43	73201	88.043	ug/l	# 88
17) Carbon Disulfide	2.502	76	57370	19.867	ug/l	99
18) Methyl Acetate	2.709	43	37780	16.657	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	91618	19.581	ug/l	99
20) Methylene Chloride	2.788	84	32097	17.631	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	27804	19.344	ug/l	83
22) Diisopropyl ether	3.764	45	89348	18.819	ug/l	94
23) Vinyl Acetate	3.721	43	399224	98.462	ug/l	# 92
24) 1,1-Dichloroethane	3.605	63	50147	18.861	ug/l	97
25) 2-Butanone	4.568	43	117157	90.574	ug/l	94
26) 2,2-Dichloropropane	4.471	77	37425	19.438	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	34893	19.382	ug/l	84
28) Bromochloromethane	4.904	49	20417	17.929	ug/l	# 67
29) Tetrahydrofuran	5.013	42	76879	92.029	ug/l	94
30) Chloroform	5.093	83	52360	18.903	ug/l	88
31) Cyclohexane	5.464	56	42803	19.330	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	44744	19.332	ug/l	95
36) 1,1-Dichloropropene	5.690	75	33935	19.660	ug/l	93
37) Ethyl Acetate	4.721	43	44086	19.607	ug/l	96
38) Carbon Tetrachloride	5.672	117	38608	20.244	ug/l	96
39) Methylcyclohexane	7.379	83	46291	21.206	ug/l	91
40) Benzene	6.031	78	115055	19.764	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.928	41	23514	19.292	ug/l	#	89
42) 1,2-Dichloroethane	6.086	62	37668	20.088	ug/l		91
43) Isopropyl Acetate	6.342	43	65789	19.062	ug/l	#	93
44) Trichloroethene	7.123	130	32268	20.679	ug/l		85
45) 1,2-Dichloropropane	7.434	63	28556	19.949	ug/l		98
46) Dibromomethane	7.586	93	21227	20.353	ug/l	#	75
47) Bromodichloromethane	7.824	83	37486	19.577	ug/l		98
48) Methyl methacrylate	7.696	41	32654	19.825	ug/l		85
49) 1,4-Dioxane	7.665	88	16066	381.214	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.574	43	230878	97.113	ug/l		95
52) Toluene	8.720	92	74442	20.081	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	37729	19.481	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	42394	20.222	ug/l	#	86
55) 1,1,2-Trichloroethane	9.153	97	31002	20.075	ug/l		98
56) Ethyl methacrylate	9.116	69	47724	19.864	ug/l	#	87
57) 1,3-Dichloropropane	9.311	76	49804	19.962	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	118203	105.578	ug/l		92
59) 2-Hexanone	9.433	43	176736	97.060	ug/l		92
60) Dibromochloromethane	9.519	129	33986	20.260	ug/l		99
61) 1,2-Dibromoethane	9.610	107	32708	20.423	ug/l		97
64) Tetrachloroethene	9.275	164	32029	21.095	ug/l		92
65) Chlorobenzene	10.079	112	86871	20.030	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30338	19.980	ug/l		98
67) Ethyl Benzene	10.195	91	138597	20.391	ug/l		97
68) m/p-Xylenes	10.299	106	112365	40.954	ug/l		92
69) o-Xylene	10.640	106	55664	20.492	ug/l		94
70) Styrene	10.659	104	93913	20.617	ug/l		92
71) Bromoform	10.799	173	26760	19.301	ug/l	#	100
73) Isopropylbenzene	10.963	105	141875	20.133	ug/l		97
74) N-amyl acetate	10.841	43	58021	18.536	ug/l		94
75) 1,1,2,2-Tetrachloroethane	11.213	83	50362	19.221	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	39286m	18.673	ug/l		
77) Bromobenzene	11.195	156	41370	19.712	ug/l		77
78) n-propylbenzene	11.305	91	155041	20.278	ug/l		96
79) 2-Chlorotoluene	11.366	91	97586	19.810	ug/l		93
80) 1,3,5-Trimethylbenzene	11.451	105	119670	20.389	ug/l		95
81) trans-1,4-Dichloro-2-b...	11.018	75	12751	17.211	ug/l		94
82) 4-Chlorotoluene	11.457	91	109424	20.094	ug/l		93
83) tert-Butylbenzene	11.713	119	127144	19.742	ug/l		90
84) 1,2,4-Trimethylbenzene	11.750	105	120126	20.400	ug/l		92
85) sec-Butylbenzene	11.890	105	147834	20.294	ug/l		96
86) p-Isopropyltoluene	12.006	119	129842	20.405	ug/l		93
87) 1,3-Dichlorobenzene	11.969	146	72833	19.744	ug/l		94
88) 1,4-Dichlorobenzene	12.043	146	73273	19.359	ug/l		96
89) n-Butylbenzene	12.329	91	95814	19.561	ug/l		98
90) Hexachloroethane	12.536	117	19972	18.435	ug/l	#	52
91) 1,2-Dichlorobenzene	12.335	146	74648	19.776	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9871	19.010	ug/l	#	49
93) 1,2,4-Trichlorobenzene	13.585	180	48420	19.581	ug/l		95
94) Hexachlorobutadiene	13.725	225	24632	19.699	ug/l		99
95) Naphthalene	13.774	128	148168	18.313	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	50649	19.421	ug/l		95

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

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

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