

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031802.D
 Acq On : 30 Sep 2022 06:07
 Operator : JC/MD
 Sample : N4864-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12MS

Quant Time: Sep 30 08:09:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	74325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71497	45.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.640%		
35) Dibromofluoromethane	5.385	113	67647	49.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	8.647	98	240819	48.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.520%		
62) 4-Bromofluorobenzene	11.079	95	97050	53.064	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44759	49.482	ug/l	100
3) Chloromethane	1.288	50	39133	48.937	ug/l	96
4) Vinyl Chloride	1.373	62	53101	42.657	ug/l	97
5) Bromomethane	1.611	94	49870	43.960	ug/l	95
6) Chloroethane	1.684	64	47314	31.511	ug/l	98
7) Trichlorofluoromethane	1.886	101	121097	38.808	ug/l	100
8) Diethyl Ether	2.129	74	40589	46.189	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.324	101	50745	51.362	ug/l	91
10) Methyl Iodide	2.453	142	46002	47.503	ug/l	98
11) Tert butyl alcohol	2.989	59	44240	214.178	ug/l	99
12) 1,1-Dichloroethene	2.318	96	45605	60.704	ug/l	88
13) Acrolein	2.239	56	21463	224.911	ug/l	100
14) Allyl chloride	2.660	41	57803	44.468	ug/l #	92
15) Acrylonitrile	3.062	53	124671	227.722	ug/l	98
16) Acetone	2.385	43	97545	268.465	ug/l	93
17) Carbon Disulfide	2.507	76	83892	50.666	ug/l	99
18) Methyl Acetate	2.702	43	57575	40.615	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	178628	50.911	ug/l	95
20) Methylene Chloride	2.788	84	55813	56.158	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	54287	49.703	ug/l	89
22) Diisopropyl ether	3.757	45	148670	44.439	ug/l #	88
23) Vinyl Acetate	3.721	43	523124	197.719	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	93592	48.526	ug/l	96
25) 2-Butanone	4.556	43	158372	210.329	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	54258	34.660	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	68649	51.320	ug/l	81
28) Bromochloromethane	4.903	49	39113	43.351	ug/l #	61
29) Tetrahydrofuran	5.007	42	100072	211.561	ug/l #	79
30) Chloroform	5.092	83	118759	50.052	ug/l	98
31) Cyclohexane	5.470	56	71131	47.424	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	105646	53.760	ug/l	96
36) 1,1-Dichloropropene	5.696	75	76090	48.137	ug/l	96
37) Ethyl Acetate	4.714	43	59671	37.426	ug/l #	94
38) Carbon Tetrachloride	5.678	117	92305	51.816	ug/l	94
39) Methylcyclohexane	7.385	83	85727	47.600	ug/l #	86
40) Benzene	6.037	78	230673	47.515	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	34792	42.885	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	85650	45.618	ug/l	97
43) Isopropyl Acetate	6.342	43	102473	40.836	ug/l #	92
44) Trichloroethene	7.128	130	70574	51.467	ug/l	88
45) 1,2-Dichloropropane	7.427	63	55512	47.115	ug/l	100
46) Dibromomethane	7.580	93	47228	49.912	ug/l #	89
47) Bromodichloromethane	7.823	83	89948	52.679	ug/l	98
48) Methyl methacrylate	7.695	41	51080	46.285	ug/l #	85
49) 1,4-Dioxane	7.689	88	25156	934.256	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	347340	218.680	ug/l	91
52) Toluene	8.720	92	167799	51.853	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	83183	42.475	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	86796	48.914	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	71829	51.554	ug/l	96
56) Ethyl methacrylate	9.116	69	92932	52.132	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	108805	49.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.366	63	499	0.568	ug/l #	46
59) 2-Hexanone	9.433	43	258896	218.462	ug/l	89
60) Dibromochloromethane	9.524	129	80402	49.441	ug/l	99
61) 1,2-Dibromoethane	9.610	107	77607	54.872	ug/l	99
64) Tetrachloroethene	9.274	164	73074	50.481	ug/l	97
65) Chlorobenzene	10.079	112	193146	51.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	76394	56.273	ug/l	98
67) Ethyl Benzene	10.195	91	324395	50.542	ug/l	95
68) m/p-Xylenes	10.305	106	272935	105.836	ug/l	92
69) o-Xylene	10.640	106	135309	53.680	ug/l	91
70) Styrene	10.658	104	224647	54.751	ug/l	94
71) Bromoform	10.799	173	57903	49.651	ug/l #	97
73) Isopropylbenzene	10.963	105	354725	49.553	ug/l	98
74) N-amyl acetate	10.841	43	88639	38.172	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	105028	46.174	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	88506m	44.104	ug/l	
77) Bromobenzene	11.201	156	94309	51.823	ug/l	84
78) n-propylbenzene	11.305	91	389611	48.910	ug/l	95
79) 2-Chlorotoluene	11.366	91	234852	47.744	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	302809	49.901	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	21401	37.119	ug/l	91
82) 4-Chlorotoluene	11.457	91	274877	48.369	ug/l	94
83) tert-Butylbenzene	11.713	119	317941	54.332	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	306372	51.007	ug/l	96
85) sec-Butylbenzene	11.890	105	371847	50.001	ug/l	97
86) p-Isopropyltoluene	12.012	119	327321	51.039	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	181697	51.502	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	186596	50.529	ug/l	97
89) n-Butylbenzene	12.335	91	246640	47.079	ug/l	97
90) Hexachloroethane	12.542	117	53342	51.870	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	185569	52.524	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20750	45.526	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	110907	53.680	ug/l	97
94) Hexachlorobutadiene	13.725	225	41164	51.094	ug/l	99
95) Naphthalene	13.774	128	385932	55.922	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	113635	53.591	ug/l	99

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

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