

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032522.D
 Acq On : 01 Nov 2022 18:41
 Operator : JC/MD
 Sample : N4955-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Nov 02 06:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 02 06:18:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74013	48.476	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.385	113	59520	48.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.653	98	203227	47.484	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.960%		
62) 4-Bromofluorobenzene	11.079	95	77132	46.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	5193	4.098	ug/l	97
3) Chloromethane	1.295	50	4651	4.339	ug/l	96
4) Vinyl Chloride	1.374	62	5076	4.303	ug/l	95
5) Bromomethane	1.605	94	4815	5.108	ug/l	90
6) Chloroethane	1.685	64	3562	4.501	ug/l	99
7) Trichlorofluoromethane	1.886	101	10750	4.810	ug/l	92
8) Diethyl Ether	2.136	74	3570	4.929	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	5906	5.007	ug/l	99
10) Methyl Iodide	2.453	142	5960	4.861	ug/l	99
11) Tert butyl alcohol	2.971	59	5243	23.593	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	5170	4.692	ug/l	97
13) Acrolein	2.233	56	4656	20.987	ug/l	97
14) Allyl chloride	2.666	41	8149	4.639	ug/l	99
15) Acrylonitrile	3.063	53	14326	23.754	ug/l	96
16) Acetone	2.380	43	13366	24.086	ug/l	98
17) Carbon Disulfide	2.514	76	9624	3.667	ug/l	99
18) Methyl Acetate	2.703	43	8198	4.543	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	18898	4.879	ug/l	98
20) Methylene Chloride	2.788	84	6539	5.139	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	5596	4.665	ug/l	97
22) Diisopropyl ether	3.757	45	18410	4.845	ug/l #	75
23) Vinyl Acetate	3.721	43	70538	22.978	ug/l	98
24) 1,1-Dichloroethane	3.611	63	10581	4.841	ug/l	97
25) 2-Butanone	4.562	43	19799	23.029	ug/l	95
26) 2,2-Dichloropropane	4.483	77	8141	4.686	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	6879	4.961	ug/l	98
28) Bromochloromethane	4.904	49	4568	5.868	ug/l #	97
29) Tetrahydrofuran	5.007	42	12353	22.533	ug/l	99
30) Chloroform	5.105	83	11966	4.990	ug/l	97
31) Cyclohexane	5.471	56	8423	4.550	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	10474	4.867	ug/l	98
36) 1,1-Dichloropropene	5.696	75	7956	4.642	ug/l	97
37) Ethyl Acetate	4.721	43	8325	4.666	ug/l #	95
38) Carbon Tetrachloride	5.678	117	9439	4.965	ug/l	97
39) Methylcyclohexane	7.379	83	9208	4.541	ug/l	87
40) Benzene	6.038	78	23454	4.836	ug/l	99

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41) Methacrylonitrile	4.928	41	4101	4.512	ug/l	99
42) 1,2-Dichloroethane	6.092	62	10017	5.052	ug/l	100
43) Isopropyl Acetate	6.342	43	12722	4.644	ug/l	97
44) Trichloroethene	7.129	130	6559	4.804	ug/l	96
45) 1,2-Dichloropropane	7.428	63	5910	4.747	ug/l	95
46) Dibromomethane	7.586	93	4677	4.898	ug/l	99
47) Bromodichloromethane	7.824	83	8929	4.934	ug/l	97
48) Methyl methacrylate	7.696	41	6295	4.450	ug/l	98
49) 1,4-Dioxane	7.684	88	2360	87.531	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	39579	22.939	ug/l	99
52) Toluene	8.720	92	15207	4.806	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	8058	4.364	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	9051	4.583	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	6418	4.816	ug/l	97
56) Ethyl methacrylate	9.122	69	8557	4.462	ug/l	96
57) 1,3-Dichloropropane	9.311	76	10904	5.067	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	21870	23.683	ug/l	100
59) 2-Hexanone	9.433	43	28533	22.286	ug/l	99
60) Dibromochloromethane	9.525	129	6435	4.421	ug/l	96
61) 1,2-Dibromoethane	9.610	107	6748	4.779	ug/l	98
64) Tetrachloroethene	9.275	164	5767	5.140	ug/l	95
65) Chlorobenzene	10.080	112	17558	5.113	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	6422	4.969	ug/l	97
67) Ethyl Benzene	10.195	91	30068	4.897	ug/l	100
68) m/p-Xylenes	10.305	106	22855	9.585	ug/l	99
69) o-Xylene	10.640	106	11030	4.758	ug/l	98
70) Styrene	10.659	104	17878	4.640	ug/l	98
71) Bromoform	10.805	173	4416	4.322	ug/l #	97
73) Isopropylbenzene	10.964	105	30074	5.049	ug/l	99
74) N-amyl acetate	10.842	43	10405	4.624	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9551	4.996	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	8491m	5.078	ug/l	
77) Bromobenzene	11.201	156	7823	5.358	ug/l	93
78) n-propylbenzene	11.305	91	32433	4.726	ug/l	98
79) 2-Chlorotoluene	11.366	91	20427	4.971	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	24787	4.869	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	2012	3.829	ug/l	85
82) 4-Chlorotoluene	11.457	91	23352	4.856	ug/l	99
83) tert-Butylbenzene	11.713	119	25575	5.032	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	25158	4.969	ug/l	98
85) sec-Butylbenzene	11.890	105	29803	4.874	ug/l	100
86) p-Isopropyltoluene	12.012	119	25048	4.827	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	13799	5.010	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	14473	5.065	ug/l	96
89) n-Butylbenzene	12.335	91	20417	4.523	ug/l	98
90) Hexachloroethane	12.536	117	3796	4.479	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	14101	5.192	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1849	4.411	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	8398	4.742	ug/l	99
94) Hexachlorobutadiene	13.725	225	3464	4.684	ug/l	92
95) Naphthalene	13.774	128	28378	4.809	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8702	4.834	ug/l	99

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

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