

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027382.D
 Acq On : 10 Mar 2022 17:28
 Operator : JC/MD
 Sample : N1645-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 11 04:44:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 11 04:42:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	343528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179159	44.722	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.440%		
35) Dibromofluoromethane	5.391	113	167944	48.721	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.440%		
50) Toluene-d8	8.653	98	631977	48.563	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.079	95	231474	46.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15547	4.415	ug/l	99
3) Chloromethane	1.294	50	16188	4.372	ug/l	98
4) Vinyl Chloride	1.374	62	16195	4.255	ug/l	99
5) Bromomethane	1.599	94	8029	4.806	ug/l	96
6) Chloroethane	1.679	64	10782	4.534	ug/l	94
7) Trichlorofluoromethane	1.880	101	23395	4.414	ug/l	96
8) Diethyl Ether	2.136	74	9186	4.448	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	15853	4.575	ug/l	93
10) Methyl Iodide	2.453	142	21202	4.335	ug/l	99
11) Tert butyl alcohol	2.971	59	17510	22.296	ug/l	98
12) 1,1-Dichloroethene	2.313	96	15285	4.589	ug/l	94
13) Acrolein	2.239	56	14943	27.144	ug/l	96
14) Allyl chloride	2.666	41	22443	4.296	ug/l	91
15) Acrylonitrile	3.069	53	46745	22.617	ug/l	99
16) Acetone	2.380	43	39650	22.532	ug/l	98
17) Carbon Disulfide	2.508	76	36931	4.081	ug/l	100
18) Methyl Acetate	2.709	43	19830	4.503	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	48373	4.383	ug/l	99
20) Methylene Chloride	2.788	84	18897	4.828	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	17020	4.597	ug/l	95
22) Diisopropyl ether	3.770	45	46074	4.411	ug/l	95
23) Vinyl Acetate	3.727	43	181097	20.726	ug/l	98
24) 1,1-Dichloroethane	3.611	63	28776	4.537	ug/l	96
25) 2-Butanone	4.562	43	59846	21.688	ug/l	100
26) 2,2-Dichloropropane	4.483	77	18414	4.049	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	19736	4.595	ug/l	92
28) Bromochloromethane	4.904	49	11334	4.295	ug/l	89
29) Tetrahydrofuran	5.013	42	40090	21.957	ug/l	96
30) Chloroform	5.099	83	30373	4.537	ug/l	92
31) Cyclohexane	5.471	56	25152	4.489	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	25616	4.477	ug/l	98
36) 1,1-Dichloropropene	5.696	75	22685	4.740	ug/l	98
37) Ethyl Acetate	4.715	43	20485	4.061	ug/l	95
38) Carbon Tetrachloride	5.678	117	23098	4.667	ug/l	98
39) Methylcyclohexane	7.385	83	28038	4.639	ug/l	97
40) Benzene	6.044	78	69668	4.779	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11817	4.345	ug/l	99
42) 1,2-Dichloroethane	6.092	62	22403	4.705	ug/l	97
43) Isopropyl Acetate	6.348	43	31693	4.167	ug/l	99
44) Trichloroethene	7.129	130	19135	4.779	ug/l	99
45) 1,2-Dichloropropane	7.428	63	17057	4.670	ug/l	96
46) Dibromomethane	7.580	93	12791	4.922	ug/l	97
47) Bromodichloromethane	7.824	83	21433	4.466	ug/l #	91
48) Methyl methacrylate	7.696	41	15997	4.230	ug/l	95
49) 1,4-Dioxane	7.671	88	10086	101.848	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	112032	22.004	ug/l	97
52) Toluene	8.720	92	45050	4.848	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	19647	3.990	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	23356	4.226	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	18608	4.798	ug/l	97
56) Ethyl methacrylate	9.116	69	25533	4.464	ug/l	99
57) 1,3-Dichloropropane	9.311	76	29741	4.751	ug/l	99
59) 2-Hexanone	9.433	43	85848	21.828	ug/l	96
60) Dibromochloromethane	9.525	129	17952	4.536	ug/l	96
61) 1,2-Dibromoethane	9.610	107	19325	4.825	ug/l	98
64) Tetrachloroethene	9.275	164	17487	5.100	ug/l	97
65) Chlorobenzene	10.079	112	50669	4.922	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	17899	4.973	ug/l	96
67) Ethyl Benzene	10.195	91	85867	4.837	ug/l	98
68) m/p-Xylenes	10.305	106	66069	9.488	ug/l	99
69) o-Xylene	10.646	106	32542	4.733	ug/l	98
70) Styrene	10.659	104	52937	4.639	ug/l	99
71) Bromoform	10.799	173	13434	4.571	ug/l #	98
73) Isopropylbenzene	10.963	105	82903	4.667	ug/l	100
74) N-amyl acetate	10.848	43	25010	3.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28999	4.751	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	24081m	4.519	ug/l	
77) Bromobenzene	11.201	156	22241	4.962	ug/l	94
78) n-propylbenzene	11.305	91	90940	4.551	ug/l	97
79) 2-Chlorotoluene	11.366	91	57827	4.631	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	70945	4.658	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	5933	3.601	ug/l #	80
82) 4-Chlorotoluene	11.457	91	64442	4.562	ug/l	97
83) tert-Butylbenzene	11.719	119	71705	4.710	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	70273	4.653	ug/l	99
85) sec-Butylbenzene	11.890	105	83274	4.536	ug/l	99
86) p-Isopropyltoluene	12.012	119	70881	4.560	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40677	4.830	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	41280	4.842	ug/l	96
89) n-Butylbenzene	12.335	91	55277	4.246	ug/l	97
90) Hexachloroethane	12.542	117	10394	4.290	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	40776	4.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5099	3.987	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	24060	4.414	ug/l	100
94) Hexachlorobutadiene	13.725	225	11121	4.653	ug/l	95
95) Naphthalene	13.780	128	78615	4.297	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24669	4.529	ug/l	96

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

