

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027381.D
 Acq On : 10 Mar 2022 17:05
 Operator : JC/MD
 Sample : N1645-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 11 04:43:33 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	340326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	540633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165859	41.792	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.580%		
35) Dibromofluoromethane	5.391	113	154003	44.146	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.300%		
50) Toluene-d8	8.652	98	571855	43.421	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.840%		
62) 4-Bromofluorobenzene	11.085	95	201304	40.104	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3125	0.896	ug/l	89
3) Chloromethane	1.294	50	3658	0.997	ug/l	96
4) Vinyl Chloride	1.373	62	3511	0.931	ug/l	94
5) Bromomethane	1.605	94	2856	1.726	ug/l	100
6) Chloroethane	1.684	64	2261	0.960	ug/l	96
7) Trichlorofluoromethane	1.885	101	4921	0.937	ug/l	94
8) Diethyl Ether	2.135	74	1943	0.950	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.330	101	3141	0.915	ug/l	90
10) Methyl Iodide	2.452	142	4580	0.945	ug/l	97
11) Tert butyl alcohol	2.971	59	3509	4.510	ug/l #	88
12) 1,1-Dichloroethene	2.318	96	3176	0.962	ug/l #	79
13) Acrolein	2.239	56	3414	6.260	ug/l	99
14) Allyl chloride	2.666	41	4683	0.905	ug/l	94
15) Acrylonitrile	3.074	53	8914	4.353	ug/l	99
16) Acetone	2.379	43	9858	5.655	ug/l	97
17) Carbon Disulfide	2.513	76	7938	0.885	ug/l	97
18) Methyl Acetate	2.702	43	4180	0.958	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	9389	0.859	ug/l	98
20) Methylene Chloride	2.788	84	4970	1.282	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	3408	0.929	ug/l	90
22) Diisopropyl ether	3.763	45	9337	0.902	ug/l #	79
23) Vinyl Acetate	3.727	43	33568	3.878	ug/l	96
24) 1,1-Dichloroethane	3.617	63	5740	0.914	ug/l	99
25) 2-Butanone	4.574	43	11718	4.286	ug/l	95
26) 2,2-Dichloropropane	4.476	77	3679	0.817	ug/l #	72
27) cis-1,2-Dichloroethene	4.501	96	3981	0.936	ug/l	93
28) Bromochloromethane	4.903	49	2307	0.882	ug/l #	89
29) Tetrahydrofuran	5.025	42	7781	4.302	ug/l	95
30) Chloroform	5.092	83	6132	0.925	ug/l	91
31) Cyclohexane	5.470	56	5338	0.962	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	4966	0.876	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	4531	0.936	ug/l #	81
37) Ethyl Acetate	4.732	43	4683	0.917	ug/l	98
38) Carbon Tetrachloride	5.684	117	4467	0.892	ug/l #	87
39) Methylcyclohexane	7.378	83	5351	0.875	ug/l	96
40) Benzene	6.043	78	14383	0.975	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	2397	0.871	ug/l	91
42) 1,2-Dichloroethane	6.092	62	4683	0.972	ug/l	90
43) Isopropyl Acetate	6.348	43	5943	0.772	ug/l	98
44) Trichloroethene	7.134	130	3937	0.972	ug/l	99
45) 1,2-Dichloropropane	7.439	63	3158	0.854	ug/l #	88
46) Dibromomethane	7.592	93	2493	0.948	ug/l	96
47) Bromodichloromethane	7.823	83	4398	0.906	ug/l	97
48) Methyl methacrylate	7.701	41	3038	0.794	ug/l	90
49) 1,4-Dioxane	7.671	88	1938	19.337	ug/l	95
51) 4-Methyl-2-Pentanone	8.579	43	20498	3.978	ug/l	99
52) Toluene	8.720	92	8892	0.946	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	3684	0.739	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	4209	0.752	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	3310	0.843	ug/l	92
56) Ethyl methacrylate	9.122	69	4522	0.781	ug/l	92
57) 1,3-Dichloropropane	9.311	76	5979	0.944	ug/l	99
59) 2-Hexanone	9.433	43	16048	4.032	ug/l	92
60) Dibromochloromethane	9.524	129	3362	0.839	ug/l	98
61) 1,2-Dibromoethane	9.616	107	3686	0.909	ug/l	96
64) Tetrachloroethene	9.274	164	3615	1.056	ug/l	96
65) Chlorobenzene	10.079	112	10215	0.994	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	3496	0.973	ug/l #	63
67) Ethyl Benzene	10.195	91	17456	0.985	ug/l	90
68) m/p-Xylenes	10.305	106	12320	1.773	ug/l	99
69) o-Xylene	10.646	106	6221	0.907	ug/l	96
70) Styrene	10.658	104	9644	0.847	ug/l	99
71) Bromoform	10.805	173	2662	0.907	ug/l #	97
73) Isopropylbenzene	10.963	105	15534	0.932	ug/l	99
74) N-amyl acetate	10.847	43	4659	0.765	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	5464	0.954	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	4697m	0.939	ug/l	
77) Bromobenzene	11.201	156	4390	1.044	ug/l	90
78) n-propylbenzene	11.304	91	17408	0.928	ug/l	99
79) 2-Chlorotoluene	11.365	91	11113	0.948	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	13112	0.918	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	969m	0.627	ug/l	
82) 4-Chlorotoluene	11.457	91	12176	0.918	ug/l	98
83) tert-Butylbenzene	11.719	119	13147	0.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	12623	0.891	ug/l	98
85) sec-Butylbenzene	11.890	105	14157	0.822	ug/l	99
86) p-Isopropyltoluene	12.012	119	12451	0.854	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	7433	0.941	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	7856m	0.982	ug/l	
89) n-Butylbenzene	12.335	91	9485	0.776	ug/l	97
90) Hexachloroethane	12.542	117	1937	0.852	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	7510	0.964	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	1075	0.896	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	4511	0.882	ug/l	96
94) Hexachlorobutadiene	13.725	225	2133	0.951	ug/l	93
95) Naphthalene	13.780	128	15176	0.884	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4781	0.935	ug/l	93

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

