

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027783.D
 Acq On : 29 Mar 2022 18:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032922

Quant Time: Mar 30 04:41:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44198	44.149	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.300%		
35) Dibromofluoromethane	5.385	113	39263	48.083	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.160%		
50) Toluene-d8	8.653	98	141652	49.304	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.600%		
62) 4-Bromofluorobenzene	11.085	95	57200	46.849	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38485	54.739	ug/l	99
3) Chloromethane	1.294	50	31596	50.856	ug/l	97
4) Vinyl Chloride	1.374	62	32573	51.121	ug/l	100
5) Bromomethane	1.599	94	15698	54.638	ug/l	98
6) Chloroethane	1.678	64	18782	43.729	ug/l	96
7) Trichlorofluoromethane	1.886	101	55598	49.742	ug/l	94
8) Diethyl Ether	2.136	74	19805	49.363	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	36781	50.626	ug/l	97
10) Methyl Iodide	2.453	142	41728	49.458	ug/l	91
11) Tert butyl alcohol	2.965	59	45504	236.629	ug/l	100
12) 1,1-Dichloroethene	2.319	96	32414	48.626	ug/l	99
13) Acrolein	2.233	56	36691	254.752	ug/l	98
14) Allyl chloride	2.660	41	61150	49.966	ug/l #	91
15) Acrylonitrile	3.062	53	114153	252.810	ug/l	99
16) Acetone	2.380	43	102465	231.269	ug/l	88
17) Carbon Disulfide	2.508	76	64419	47.241	ug/l	100
18) Methyl Acetate	2.703	43	48525	44.429	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	131648	51.836	ug/l	100
20) Methylene Chloride	2.788	84	38711	48.575	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	34226	47.305	ug/l	95
22) Diisopropyl ether	3.763	45	118505	48.317	ug/l #	90
23) Vinyl Acetate	3.721	43	518758	244.808	ug/l	95
24) 1,1-Dichloroethane	3.611	63	65350	47.361	ug/l	99
25) 2-Butanone	4.556	43	144454	224.070	ug/l	94
26) 2,2-Dichloropropane	4.477	77	52017	47.200	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	42763	49.015	ug/l	97
28) Bromochloromethane	4.903	49	27000	45.492	ug/l	95
29) Tetrahydrofuran	5.007	42	91493	220.937	ug/l	92
30) Chloroform	5.099	83	69843	45.533	ug/l	99
31) Cyclohexane	5.470	56	49116	44.383	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	61182	46.111	ug/l	99
36) 1,1-Dichloropropene	5.696	75	46034	44.760	ug/l	98
37) Ethyl Acetate	4.721	43	55534	43.557	ug/l	98
38) Carbon Tetrachloride	5.678	117	53383	46.981	ug/l	97
39) Methylcyclohexane	7.385	83	55170	45.585	ug/l	93
40) Benzene	6.037	78	142908	45.852	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29493	43.489	ug/l	93
42) 1,2-Dichloroethane	6.092	62	52344	42.030	ug/l	99
43) Isopropyl Acetate	6.342	43	86537	42.375	ug/l	96
44) Trichloroethene	7.129	130	41945	49.521	ug/l	99
45) 1,2-Dichloropropane	7.434	63	37421	44.692	ug/l	95
46) Dibromomethane	7.586	93	28218	44.779	ug/l	98
47) Bromodichloromethane	7.824	83	53589	42.698	ug/l	98
48) Methyl methacrylate	7.696	41	42343	39.537	ug/l	89
49) 1,4-Dioxane	7.659	88	19364	915.924	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	287020	202.604	ug/l	93
52) Toluene	8.720	92	95738	48.766	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	56888	45.227	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	60777	45.886	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	41505	47.666	ug/l	96
56) Ethyl methacrylate	9.116	69	63967	46.384	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	66767	45.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	153269	222.610	ug/l	96
59) 2-Hexanone	9.433	43	218169	200.008	ug/l	91
60) Dibromochloromethane	9.525	129	44664	49.470	ug/l	97
61) 1,2-Dibromoethane	9.610	107	43828	48.171	ug/l	97
64) Tetrachloroethene	9.275	164	39264	49.406	ug/l	96
65) Chlorobenzene	10.079	112	111523	48.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	41775	48.231	ug/l	100
67) Ethyl Benzene	10.195	91	190416	45.461	ug/l	98
68) m/p-Xylenes	10.305	106	148896	96.653	ug/l	98
69) o-Xylene	10.640	106	74516	49.523	ug/l	99
70) Styrene	10.659	104	123633	48.342	ug/l	96
71) Bromoform	10.799	173	32263	46.646	ug/l #	98
73) Isopropylbenzene	10.963	105	195177	45.635	ug/l	100
74) N-amyl acetate	10.841	43	75379	39.128	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	63173	43.498	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58456m	43.381	ug/l	
77) Bromobenzene	11.201	156	48623	49.866	ug/l	98
78) n-propylbenzene	11.305	91	221777	43.404	ug/l	98
79) 2-Chlorotoluene	11.366	91	134725	41.956	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	167466	45.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18343	41.561	ug/l	89
82) 4-Chlorotoluene	11.457	91	155109	42.093	ug/l	99
83) tert-Butylbenzene	11.719	119	167377	46.641	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	167459	45.254	ug/l	100
85) sec-Butylbenzene	11.890	105	202867	45.808	ug/l	100
86) p-Isopropyltoluene	12.012	119	174716	47.429	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	89873	46.823	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	90871	45.957	ug/l	98
89) n-Butylbenzene	12.335	91	146746	44.303	ug/l	97
90) Hexachloroethane	12.542	117	26958	45.569	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	89853	47.392	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14453	41.340	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	58125	50.131	ug/l	98
94) Hexachlorobutadiene	13.725	225	26052	50.838	ug/l	93
95) Naphthalene	13.780	128	203407	50.245	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57084	50.256	ug/l	95

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

