

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027781.D
 Acq On : 29 Mar 2022 17:58
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 29 18:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 18:16:13 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	77064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56257	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129770	104.315	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 208.620%#			
35) Dibromofluoromethane	5.391	113	116454	135.766	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 271.540%#			
50) Toluene-d8	8.653	98	425594	130.646	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 261.300%#			
62) 4-Bromofluorobenzene	11.085	95	186511	139.503	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 279.000%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	115997	134.190	ug/l	98
3) Chloromethane	1.295	50	90962	102.884	ug/l	99
4) Vinyl Chloride	1.374	62	100452	117.790	ug/l	100
5) Bromomethane	1.593	94	42460	121.640	ug/l	98
6) Chloroethane	1.666	64	58731	106.192	ug/l	99
7) Trichlorofluoromethane	1.874	101	168522	129.969	ug/l	97
8) Diethyl Ether	2.136	74	56248	120.480	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	111315	128.438	ug/l	98
10) Methyl Iodide	2.447	142	136501	159.423	ug/l	90
11) Tert butyl alcohol	2.989	59	152104	668.431	ug/l	100
12) 1,1-Dichloroethene	2.313	96	101206	127.037	ug/l	99
13) Acrolein	2.240	56	110460	671.761	ug/l	98
14) Allyl chloride	2.660	41	186599	125.319	ug/l	92
15) Acrylonitrile	3.069	53	327656	586.961	ug/l	99
16) Acetone	2.386	43	316057	595.323	ug/l	88
17) Carbon Disulfide	2.508	76	198917	96.191	ug/l	99
18) Methyl Acetate	2.709	43	165644	125.792	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	365834	124.414	ug/l	99
20) Methylene Chloride	2.788	84	118345	127.290	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	103063	115.989	ug/l	97
22) Diisopropyl ether	3.770	45	338870	114.087	ug/l	98
23) Vinyl Acetate	3.727	43	1542447	597.010	ug/l	96
24) 1,1-Dichloroethane	3.611	63	218041	130.085	ug/l	98
25) 2-Butanone	4.568	43	412311	499.534	ug/l	98
26) 2,2-Dichloropropane	4.477	77	161562	123.628	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	129068	129.376	ug/l	95
28) Bromochloromethane	4.904	49	75626	111.803	ug/l	91
29) Tetrahydrofuran	5.013	42	262776	529.837	ug/l	93
30) Chloroform	5.099	83	208448	120.758	ug/l	99
31) Cyclohexane	5.471	56	148516	101.373	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	186935	121.779	ug/l	99
36) 1,1-Dichloropropene	5.696	75	141875	108.720	ug/l	98
37) Ethyl Acetate	4.721	43	159195	106.442	ug/l	99
38) Carbon Tetrachloride	5.678	117	169925	130.718	ug/l	99
39) Methylcyclohexane	7.385	83	181135	121.847	ug/l	96
40) Benzene	6.038	78	433051	119.591	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	85062	108.256	ug/l	95
42) 1,2-Dichloroethane	6.092	62	158276	103.278	ug/l	99
43) Isopropyl Acetate	6.349	43	268431	115.650	ug/l	97
44) Trichloroethene	7.129	130	130186	136.986	ug/l	98
45) 1,2-Dichloropropane	7.434	63	123413	129.070	ug/l	97
46) Dibromomethane	7.586	93	94527	137.630	ug/l	94
47) Bromodichloromethane	7.824	83	194827	144.660	ug/l	98
48) Methyl methacrylate	7.696	41	168144	146.947	ug/l #	80
49) 1,4-Dioxane	7.665	88	58851	2386.752	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	1049521	659.339	ug/l	89
52) Toluene	8.720	92	297435	130.865	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	209890	157.291	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	215344	145.859	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	130771	140.020	ug/l	95
56) Ethyl methacrylate	9.122	69	222002	146.533	ug/l #	76
57) 1,3-Dichloropropane	9.311	76	218027	130.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	542394	701.859	ug/l	96
59) 2-Hexanone	9.433	43	809443	649.496	ug/l	84
60) Dibromochloromethane	9.525	129	147189	161.219	ug/l	97
61) 1,2-Dibromoethane	9.610	107	139472	139.789	ug/l	100
64) Tetrachloroethene	9.275	164	107370	126.888	ug/l	95
65) Chlorobenzene	10.080	112	330488	139.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	132064	159.554	ug/l	98
67) Ethyl Benzene	10.195	91	610438	139.071	ug/l	99
68) m/p-Xylenes	10.305	106	446416	280.228	ug/l	89
69) o-Xylene	10.647	106	223263	139.121	ug/l	89
70) Styrene	10.659	104	389405	152.316	ug/l	93
71) Bromoform	10.805	173	106102	176.569	ug/l	99
73) Isopropylbenzene	10.964	105	604891	132.397	ug/l	99
74) N-amyl acetate	10.848	43	300434	137.369	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.214	83	209303	129.588	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	193011m	124.945	ug/l	
77) Bromobenzene	11.201	156	143833	139.943	ug/l	87
78) n-propylbenzene	11.305	91	731142	135.002	ug/l	98
79) 2-Chlorotoluene	11.366	91	446496	130.349	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	531500	134.978	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	70501	155.142	ug/l #	85
82) 4-Chlorotoluene	11.457	91	519908	131.781	ug/l	96
83) tert-Butylbenzene	11.720	119	520867	143.123	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	533298	133.565	ug/l	97
85) sec-Butylbenzene	11.896	105	655380	138.119	ug/l	99
86) p-Isopropyltoluene	12.012	119	550038	146.571	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	277699	144.983	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	278244	140.090	ug/l	97
89) n-Butylbenzene	12.335	91	509055	143.659	ug/l	96
90) Hexachloroethane	12.543	117	96065	160.293	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	268023	144.377	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56167	141.195	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	175951	162.490	ug/l	98
94) Hexachlorobutadiene	13.725	225	78104	148.598	ug/l	94
95) Naphthalene	13.780	128	621611	155.600	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173283	158.745	ug/l	95

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

