

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027836.D
 Acq On : 31 Mar 2022 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 15:17:28 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 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73110	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	118221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50893	53.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.900%			
35) Dibromofluoromethane	5.385	113	37444	49.069	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.140%			
50) Toluene-d8	8.653	98	126237	47.018	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.040%			
62) 4-Bromofluorobenzene	11.079	95	51686	45.300	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35855	54.123	ug/l	99
3) Chloromethane	1.294	50	27779	47.452	ug/l	99
4) Vinyl Chloride	1.373	62	29262	48.738	ug/l	96
5) Bromomethane	1.599	94	12132	44.814	ug/l	87
6) Chloroethane	1.678	64	18498	45.706	ug/l	100
7) Trichlorofluoromethane	1.886	101	52215	49.577	ug/l	98
8) Diethyl Ether	2.136	74	18682	49.417	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	35225	51.455	ug/l	97
10) Methyl Iodide	2.453	142	38117	47.946	ug/l #	89
11) Tert butyl alcohol	2.965	59	42090	232.285	ug/l	99
12) 1,1-Dichloroethene	2.318	96	29347	46.723	ug/l	94
13) Acrolein	2.233	56	40794	300.592	ug/l	99
14) Allyl chloride	2.660	41	57523	49.882	ug/l #	91
15) Acrylonitrile	3.062	53	110040	258.631	ug/l	99
16) Acetone	2.379	43	118313	283.398	ug/l	89
17) Carbon Disulfide	2.507	76	53868	41.924	ug/l	99
18) Methyl Acetate	2.702	43	49240	47.846	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	119098	49.767	ug/l	99
20) Methylene Chloride	2.788	84	35971	47.902	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	32092	47.073	ug/l	94
22) Diisopropyl ether	3.763	45	112629	48.734	ug/l	93
23) Vinyl Acetate	3.721	43	531720	266.297	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	66407	51.076	ug/l	97
25) 2-Butanone	4.556	43	155060	255.257	ug/l	94
26) 2,2-Dichloropropane	4.477	77	52466	50.524	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	40905	49.758	ug/l	99
28) Bromochloromethane	4.891	49	28016	50.096	ug/l	93
29) Tetrahydrofuran	5.007	42	90507	231.945	ug/l	90
30) Chloroform	5.092	83	70983	49.112	ug/l	96
31) Cyclohexane	5.470	56	51026	48.934	ug/l	84
32) 1,1,1-Trichloroethane	5.385	97	64382	51.495	ug/l	98
36) 1,1-Dichloropropene	5.690	75	48016	49.959	ug/l	98
37) Ethyl Acetate	4.714	43	57576	48.323	ug/l	97
38) Carbon Tetrachloride	5.678	117	56777	53.470	ug/l	97
39) Methylcyclohexane	7.378	83	53612	47.403	ug/l	90
40) Benzene	6.037	78	140301	48.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32574	51.398	ug/l	90
42) 1,2-Dichloroethane	6.086	62	63954	54.951	ug/l	93
43) Isopropyl Acetate	6.342	43	101131	52.992	ug/l #	90
44) Trichloroethene	7.122	130	36776	46.461	ug/l	86
45) 1,2-Dichloropropane	7.433	63	38844	49.643	ug/l	95
46) Dibromomethane	7.580	93	29265	49.695	ug/l #	88
47) Bromodichloromethane	7.824	83	60001	51.158	ug/l	99
48) Methyl methacrylate	7.696	41	50700	50.657	ug/l #	78
49) 1,4-Dioxane	7.659	88	17156	868.354	ug/l #	87
51) 4-Methyl-2-Pentanone	8.573	43	334159	252.410	ug/l	88
52) Toluene	8.720	92	91075	49.642	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60562	51.522	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	63155	51.023	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	40525	49.802	ug/l	95
56) Ethyl methacrylate	9.116	69	66753	51.797	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	68283	49.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	168762	262.289	ug/l	95
59) 2-Hexanone	9.433	43	259943	255.005	ug/l	82
60) Dibromochloromethane	9.524	129	44614	52.877	ug/l	97
61) 1,2-Dibromoethane	9.610	107	42522	50.010	ug/l	98
64) Tetrachloroethene	9.274	164	35802	47.365	ug/l	94
65) Chlorobenzene	10.079	112	106038	48.301	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	41720	50.643	ug/l	98
67) Ethyl Benzene	10.195	91	193375	48.540	ug/l	97
68) m/p-Xylenes	10.305	106	143661	98.047	ug/l	91
69) o-Xylene	10.640	106	69954	48.880	ug/l	96
70) Styrene	10.658	104	119122	48.972	ug/l	97
71) Bromoform	10.799	173	31886	48.377	ug/l #	100
73) Isopropylbenzene	10.963	105	185261	45.189	ug/l	98
74) N-amyl acetate	10.841	43	69674	37.730	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	60489	43.451	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	55569m	43.021	ug/l	
77) Bromobenzene	11.201	156	45531	48.713	ug/l	98
78) n-propylbenzene	11.305	91	216503	44.203	ug/l	99
79) 2-Chlorotoluene	11.366	91	132426	43.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	164291	46.184	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18250	43.005	ug/l	92
82) 4-Chlorotoluene	11.457	91	155232	43.948	ug/l	100
83) tert-Butylbenzene	11.719	119	160493	46.656	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	159756	45.039	ug/l	100
85) sec-Butylbenzene	11.890	105	201098	47.371	ug/l	100
86) p-Isopropyltoluene	12.012	119	172491	48.849	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	87432	47.520	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	87622	46.229	ug/l	97
89) n-Butylbenzene	12.335	91	145868	45.942	ug/l	98
90) Hexachloroethane	12.542	117	26950	47.525	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	85480	47.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14286	42.628	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	55092	49.569	ug/l	98
94) Hexachlorobutadiene	13.725	225	26021	52.938	ug/l	92
95) Naphthalene	13.780	128	191853	49.439	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54950	50.468	ug/l	94

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

