

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072222\
 Data File : VX030183.D
 Acq On : 22 Jul 2022 16:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2022
 Supervised By : Mahesh Dadoda 07/25/2022

Quant Time: Jul 22 23:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	201529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144625	58.959	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.920%			
35) Dibromofluoromethane	5.391	113	117622	50.621	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	8.653	98	452612	51.793	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.085	95	175082	57.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107181	46.760	ug/l	99
3) Chloromethane	1.288	50	101526	48.345	ug/l	100
4) Vinyl Chloride	1.374	62	104404	44.760	ug/l	98
5) Bromomethane	1.599	94	38589	38.945	ug/l	96
6) Chloroethane	1.672	64	60823	46.305	ug/l	100
7) Trichlorofluoromethane	1.880	101	143309	47.573	ug/l	97
8) Diethyl Ether	2.136	74	55810	44.783	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	102576	49.879	ug/l	99
10) Methyl Iodide	2.447	142	101665	50.336	ug/l	95
11) Tert butyl alcohol	2.983	59	178814	282.448	ug/l	97
12) 1,1-Dichloroethene	2.313	96	100439	48.916	ug/l	93
13) Acrolein	2.239	56	5175	41.043	ug/l	90
14) Allyl chloride	2.660	41	209990	58.523	ug/l	97
15) Acrylonitrile	3.069	53	430081	298.914	ug/l	99
16) Acetone	2.386	43	354899	307.044	ug/l	94
17) Carbon Disulfide	2.508	76	246924	42.922	ug/l	100
18) Methyl Acetate	2.709	43	217106	61.742	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	374868	57.759	ug/l	98
20) Methylene Chloride	2.788	84	126353	54.229	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	112181	52.416	ug/l	97
22) Diisopropyl ether	3.770	45	434319	61.837	ug/l	90
23) Vinyl Acetate	3.727	43	1919460	322.825	ug/l	97
24) 1,1-Dichloroethane	3.611	63	217139	55.791	ug/l	99
25) 2-Butanone	4.568	43	617990	313.871	ug/l	96
26) 2,2-Dichloropropane	4.477	77	156242	57.148	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	136938	52.249	ug/l	96
28) Bromochloromethane	4.910	49	96179	58.741	ug/l	95
29) Tetrahydrofuran	5.013	42	412611	308.792	ug/l	95
30) Chloroform	5.099	83	221904	57.212	ug/l	98
31) Cyclohexane	5.477	56	188850	53.108	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	179697	56.686	ug/l	99
36) 1,1-Dichloropropene	5.696	75	155231	51.721	ug/l	97
37) Ethyl Acetate	4.727	43	228165	59.162	ug/l	98
38) Carbon Tetrachloride	5.678	117	148031	52.890	ug/l	97
39) Methylcyclohexane	7.385	83	190916	50.179	ug/l	96
40) Benzene	6.044	78	501650	53.104	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	126834	61.079	ug/l	97
42) 1,2-Dichloroethane	6.092	62	172098	58.784	ug/l	97
43) Isopropyl Acetate	6.348	43	344888	59.471	ug/l	98
44) Trichloroethene	7.129	130	128041	46.385	ug/l	94
45) 1,2-Dichloropropane	7.434	63	134090	54.610	ug/l	94
46) Dibromomethane	7.586	93	88740	52.509	ug/l	96
47) Bromodichloromethane	7.824	83	169931	55.415	ug/l	95
48) Methyl methacrylate	7.702	41	171874	64.232	ug/l	96
49) 1,4-Dioxane	7.665	88	79751	1147.167	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1206478	314.387	ug/l	97
52) Toluene	8.720	92	309322	51.565	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	184169	57.819	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	202032	55.366	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	134552	54.392	ug/l	95
56) Ethyl methacrylate	9.122	69	217629	58.515	ug/l	93
57) 1,3-Dichloropropane	9.311	76	217261	55.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	595024	294.632	ug/l	97
59) 2-Hexanone	9.433	43	969273	329.363	ug/l	97
60) Dibromochloromethane	9.525	129	126826	52.626	ug/l	99
61) 1,2-Dibromoethane	9.616	107	137629	53.457	ug/l	100
64) Tetrachloroethene	9.275	164	123214	46.175	ug/l	99
65) Chlorobenzene	10.086	112	329516	49.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	119336	52.882	ug/l	99
67) Ethyl Benzene	10.195	91	601216	53.590	ug/l	98
68) m/p-Xylenes	10.305	106	456154	103.668	ug/l	94
69) o-Xylene	10.646	106	230178	52.244	ug/l	95
70) Styrene	10.659	104	397565	54.367	ug/l	98
71) Bromoform	10.805	173	91299	50.357	ug/l #	99
73) Isopropylbenzene	10.963	105	595206	49.541	ug/l	99
74) N-amyl acetate	10.848	43	326114	61.801	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	224827	51.868	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	208557m	52.570	ug/l	
77) Bromobenzene	11.201	156	141051	46.923	ug/l	95
78) n-propylbenzene	11.305	91	720892	50.577	ug/l	99
79) 2-Chlorotoluene	11.366	91	433690	50.800	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	506435	50.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	71052	51.687	ug/l	93
82) 4-Chlorotoluene	11.457	91	493832	51.628	ug/l	98
83) tert-Butylbenzene	11.719	119	483300	49.781	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	518638	51.794	ug/l	97
85) sec-Butylbenzene	11.896	105	672832	52.423	ug/l	98
86) p-Isopropyltoluene	12.012	119	536002	52.056	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	272486	49.060	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	286078	50.191	ug/l	96
89) n-Butylbenzene	12.335	91	501110	54.318	ug/l	99
90) Hexachloroethane	12.542	117	91257	51.845	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	268280	47.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58060	58.662	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	160696	46.365	ug/l	98
94) Hexachlorobutadiene	13.725	225	62703	45.314	ug/l	98
95) Naphthalene	13.780	128	670477	48.736	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166909	47.329	ug/l	99

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

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