

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022940.D
 Acq On : 25 Jun 2021 22:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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6/28/2021 12:01:28 PM

Quant Time: Jun 26 03:57:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61512	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	123848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56359	50.487	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.980%	
35) Dibromofluoromethane	5.391	113	40704	51.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.520%	
50) Toluene-d8	8.653	98	155561	50.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.085	95	58537	50.887	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	44132	50.851	ug/l	99
3) Chloromethane	1.294	50	44529	46.725	ug/l	99
4) Vinyl Chloride	1.374	62	44443	50.539	ug/l	99
5) Bromomethane	1.599	94	26299	54.286	ug/l	93
6) Chloroethane	1.685	64	28349	52.162	ug/l	97
7) Trichlorofluoromethane	1.886	101	66363	51.948	ug/l	94
8) Diethyl Ether	2.142	74	26077	52.885	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	41233	51.551	ug/l	89
10) Methyl Iodide	2.453	142	34271	36.748	ug/l	93
11) Tert butyl alcohol	2.977	59	57801	248.441	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39908	50.009	ug/l	87
13) Acrolein	2.239	56	33345	230.442	ug/l	100
14) Allyl chloride	2.666	41	76951	50.756	ug/l	94
15) Acrylonitrile	3.075	53	144435	271.572	ug/l	98
16) Acetone	2.386	43	125449	253.487	ug/l	94
17) Carbon Disulfide	2.514	76	95840	44.494	ug/l	100
18) Methyl Acetate	2.709	43	64804	53.208	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	152002	53.115	ug/l	99
20) Methylene Chloride	2.794	84	49921	50.854	ug/l	# 88
21) trans-1,2-Dichloroethene	3.099	96	45078	50.919	ug/l	95
22) Diisopropyl ether	3.770	45	170470	54.056	ug/l	95
23) Vinyl Acetate	3.733	43	737086	278.619	ug/l	94
24) 1,1-Dichloroethane	3.617	63	88146	52.318	ug/l	97
25) 2-Butanone	4.568	43	208342	270.719	ug/l	91
26) 2,2-Dichloropropane	4.489	77	48521	37.951	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	51996	52.920	ug/l	97
28) Bromochloromethane	4.910	49	40815	51.421	ug/l	# 77
29) Tetrahydrofuran	5.019	42	138837	280.471	ug/l	86
30) Chloroform	5.105	83	88936	52.479	ug/l	98
31) Cyclohexane	5.477	56	79578	50.493	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	73282	53.821	ug/l	96
36) 1,1-Dichloropropene	5.702	75	64894	49.331	ug/l	97
37) Ethyl Acetate	4.727	43	81374	53.403	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	58432	52.959	ug/l	95
39) Methylcyclohexane	7.385	83	76516	49.864	ug/l	94
40) Benzene	6.050	78	197171	51.980	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43255	51.527	ug/l	92
42) 1,2-Dichloroethane	6.092	62	74801	53.597	ug/l	95
43) Isopropyl Acetate	6.348	43	129397	52.818	ug/l #	92
44) Trichloroethene	7.135	130	46481	51.671	ug/l	90
45) 1,2-Dichloropropane	7.440	63	51616	52.757	ug/l	100
46) Dibromomethane	7.586	93	33815	52.095	ug/l #	84
47) Bromodichloromethane	7.830	83	64118	48.695	ug/l	98
48) Methyl methacrylate	7.696	41	61131	53.916	ug/l	86
49) 1,4-Dioxane	7.665	88	26030	1066.495	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	421453	276.416	ug/l	90
52) Toluene	8.726	92	120553	52.574	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	68307	44.218	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	76391	46.112	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	49309	53.597	ug/l	97
56) Ethyl methacrylate	9.122	69	83338	49.108	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	86724	51.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	213320	252.655	ug/l	94
59) 2-Hexanone	9.433	43	322972	279.214	ug/l	87
60) Dibromochloromethane	9.525	129	42594	47.466	ug/l	100
61) 1,2-Dibromoethane	9.616	107	49743	53.237	ug/l	97
64) Tetrachloroethene	9.281	164	41796	52.047	ug/l	93
65) Chlorobenzene	10.086	112	120701	50.156	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40489	52.062	ug/l	97
67) Ethyl Benzene	10.195	91	230883	52.102	ug/l	96
68) m/p-Xylenes	10.305	106	168020	102.100	ug/l	94
69) o-Xylene	10.646	106	81590	50.941	ug/l	95
70) Styrene	10.659	104	139388	52.432	ug/l	95
71) Bromoform	10.805	173	24464	44.370	ug/l #	99
73) Isopropylbenzene	10.963	105	217532	50.456	ug/l	97
74) N-amyl acetate	10.848	43	114204	47.056	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	74905	50.584	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67183m	49.918	ug/l	
77) Bromobenzene	11.201	156	44127	49.220	ug/l	79
78) n-propylbenzene	11.311	91	266671	51.119	ug/l	95
79) 2-Chlorotoluene	11.366	91	157748	50.084	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	182709	51.610	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	19306	40.212	ug/l #	83
82) 4-Chlorotoluene	11.457	91	181409	49.838	ug/l	95
83) tert-Butylbenzene	11.719	119	166126	49.690	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	182083	51.102	ug/l	97
85) sec-Butylbenzene	11.896	105	229982	51.008	ug/l	98
86) p-Isopropyltoluene	12.012	119	181687	50.711	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	86396	49.949	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	87066	48.139	ug/l	95
89) n-Butylbenzene	12.335	91	180364	52.947	ug/l	95
90) Hexachloroethane	12.542	117	28725	43.842	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	83870	49.681	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15675	45.232	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	48692	52.005	ug/l	96
94) Hexachlorobutadiene	13.725	225	18888	51.483	ug/l	99
95) Naphthalene	13.780	128	202694	48.847	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50278	53.312	ug/l	97

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

