

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022781.D
 Acq On : 21 Jun 2021 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 9:09:17 AM

Quant Time: Jun 22 01:08:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	72609	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63711	48.789	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.385	113	45256	49.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.600%		
50) Toluene-d8	8.653	98	176764	49.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.700%		
62) 4-Bromofluorobenzene	11.085	95	63999	47.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	39198	46.004	ug/l	99
3) Chloromethane	1.294	50	43784	42.526	ug/l	98
4) Vinyl Chloride	1.374	62	44344	43.833	ug/l	97
5) Bromomethane	1.599	94	28331	51.480	ug/l	95
6) Chloroethane	1.678	64	28546	46.601	ug/l	99
7) Trichlorofluoromethane	1.880	101	69168	47.479	ug/l	99
8) Diethyl Ether	2.136	74	27523	46.765	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	44506	50.075	ug/l	89
10) Methyl Iodide	2.453	142	40563	40.705	ug/l	94
11) Tert butyl alcohol	2.977	59	64505	213.342	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41247	46.791	ug/l	95
13) Acrolein	2.239	56	28406	224.187	ug/l	98
14) Allyl chloride	2.666	41	83137	48.782	ug/l	94
15) Acrylonitrile	3.068	53	141073	237.565	ug/l	99
16) Acetone	2.386	43	155450	265.850	ug/l	93
17) Carbon Disulfide	2.508	76	87417	44.068	ug/l	99
18) Methyl Acetate	2.709	43	82381	46.805	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	150049	49.055	ug/l	99
20) Methylene Chloride	2.794	84	51620	45.695	ug/l	# 84
21) trans-1,2-Dichloroethene	3.093	96	45952	47.044	ug/l	97
22) Diisopropyl ether	3.770	45	165667	49.119	ug/l	96
23) Vinyl Acetate	3.727	43	772619	248.571	ug/l	95
24) 1,1-Dichloroethane	3.611	63	93761	47.906	ug/l	99
25) 2-Butanone	4.568	43	244957	258.307	ug/l	92
26) 2,2-Dichloropropane	4.477	77	77712	52.063	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	56100	47.137	ug/l	95
28) Bromochloromethane	4.897	49	46949	49.609	ug/l	# 76
29) Tetrahydrofuran	5.013	42	128878	233.407	ug/l	88
30) Chloroform	5.099	83	97058	49.751	ug/l	99
31) Cyclohexane	5.477	56	71074	45.117	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	79393	47.980	ug/l	97
36) 1,1-Dichloropropene	5.690	75	68856	48.521	ug/l	96
37) Ethyl Acetate	4.721	43	85190	47.232	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	65050	53.588	ug/l	99
39) Methylcyclohexane	7.385	83	73195	49.443	ug/l	98
40) Benzene	6.043	78	210077	49.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48550	50.229	ug/l	91
42) 1,2-Dichloroethane	6.092	62	79419	51.142	ug/l	96
43) Isopropyl Acetate	6.348	43	143672	50.439	ug/l #	92
44) Trichloroethene	7.129	130	49546	49.991	ug/l	95
45) 1,2-Dichloropropane	7.434	63	57665	50.622	ug/l	97
46) Dibromomethane	7.586	93	36533	47.686	ug/l #	86
47) Bromodichloromethane	7.824	83	73241	49.170	ug/l	97
48) Methyl methacrylate	7.696	41	68642	50.198	ug/l	88
49) 1,4-Dioxane	7.659	88	25352	974.103	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	463653	256.432	ug/l	90
52) Toluene	8.720	92	128702	48.980	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	83885	47.516	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	89925	47.521	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55584	51.698	ug/l	99
56) Ethyl methacrylate	9.116	69	89618	46.262	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	97344	52.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	243313	251.029	ug/l	95
59) 2-Hexanone	9.433	43	381538	276.187	ug/l	88
60) Dibromochloromethane	9.525	129	50942	48.351	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55767	51.968	ug/l	97
64) Tetrachloroethene	9.275	164	46664	56.506	ug/l #	88
65) Chlorobenzene	10.079	112	137010	50.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48631	49.387	ug/l	98
67) Ethyl Benzene	10.195	91	257793	51.451	ug/l	98
68) m/p-Xylenes	10.305	106	185809	102.383	ug/l	96
69) o-Xylene	10.646	106	91552	52.065	ug/l	96
70) Styrene	10.659	104	154905	47.767	ug/l	97
71) Bromoform	10.799	173	28501	44.671	ug/l #	94
73) Isopropylbenzene	10.963	105	245125	51.398	ug/l	98
74) N-amyl acetate	10.848	43	129079	50.326	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	84863	50.027	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	80563m	52.314	ug/l	
77) Bromobenzene	11.201	156	50742	49.805	ug/l	82
78) n-propylbenzene	11.305	91	299630	52.015	ug/l	96
79) 2-Chlorotoluene	11.366	91	177286	50.861	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	207601	52.257	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	27913	47.287	ug/l	91
82) 4-Chlorotoluene	11.457	91	205124	51.423	ug/l	94
83) tert-Butylbenzene	11.719	119	187601	50.280	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	212265	52.677	ug/l	97
85) sec-Butylbenzene	11.896	105	257484	52.835	ug/l	97
86) p-Isopropyltoluene	12.012	119	211355	52.534	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	98501	50.938	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	99048	49.757	ug/l	96
89) n-Butylbenzene	12.335	91	210881	54.749	ug/l	97
90) Hexachloroethane	12.542	117	33563	50.179	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	97344	51.661	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18396	46.294	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	57230	50.627	ug/l	97
94) Hexachlorobutadiene	13.731	225	21508	53.056	ug/l	97
95) Naphthalene	13.780	128	230728	46.836	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58056	52.681	ug/l	96

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

