

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022753.D
 Acq On : 17 Jun 2021 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 8:59:39 AM

Quant Time: Jun 18 01:19:45 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	5.562	168	61096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56382	51.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.620%	
35) Dibromofluoromethane	5.397	113	41408	51.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	8.653	98	156431	49.459	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.085	95	60054	50.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	30792	42.948	ug/l	96
3) Chloromethane	1.294	50	38972	44.985	ug/l	100
4) Vinyl Chloride	1.374	62	37219	43.723	ug/l	98
5) Bromomethane	1.599	94	27329	59.017	ug/l	99
6) Chloroethane	1.678	64	24987	48.478	ug/l	98
7) Trichlorofluoromethane	1.880	101	55616	45.371	ug/l	99
8) Diethyl Ether	2.136	74	25409	51.308	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	33997	45.460	ug/l	89
10) Methyl Iodide	2.453	142	40398	48.179	ug/l	93
11) Tert butyl alcohol	2.983	59	63580	249.908	ug/l	99
12) 1,1-Dichloroethene	2.319	96	35305	47.597	ug/l	94
13) Acrolein	2.245	56	24821	232.808	ug/l	100
14) Allyl chloride	2.666	41	72401	50.488	ug/l	95
15) Acrylonitrile	3.074	53	134321	268.819	ug/l	99
16) Acetone	2.392	43	123866	251.753	ug/l	95
17) Carbon Disulfide	2.508	76	69491	41.633	ug/l	100
18) Methyl Acetate	2.715	43	77024	52.008	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	139426	54.172	ug/l	98
20) Methylene Chloride	2.794	84	48812	51.387	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	41305	50.255	ug/l	97
22) Diisopropyl ether	3.769	45	151741	53.468	ug/l	92
23) Vinyl Acetate	3.733	43	721342	275.807	ug/l	95
24) 1,1-Dichloroethane	3.617	63	85490	51.911	ug/l	98
25) 2-Butanone	4.568	43	213949	268.123	ug/l	92
26) 2,2-Dichloropropane	4.483	77	55246	43.987	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	51098	51.025	ug/l	97
28) Bromochloromethane	4.910	49	41968	52.702	ug/l #	79
29) Tetrahydrofuran	5.019	42	123975	266.838	ug/l	88
30) Chloroform	5.099	83	88469	53.894	ug/l	98
31) Cyclohexane	5.470	56	56502	42.625	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	68340	49.062	ug/l	97
36) 1,1-Dichloropropene	5.696	75	57116	45.585	ug/l	97
37) Ethyl Acetate	4.727	43	81753	51.336	ug/l #	93
38) Carbon Tetrachloride	5.684	117	51769	48.301	ug/l	97
39) Methylcyclohexane	7.385	83	56463	43.197	ug/l	98
40) Benzene	6.043	78	191947	51.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	45191	52.953	ug/l	93
42) 1,2-Dichloroethane	6.098	62	73865	53.872	ug/l	97
43) Isopropyl Acetate	6.354	43	135939	54.052	ug/l	93
44) Trichloroethene	7.135	130	45973	52.536	ug/l	99
45) 1,2-Dichloropropane	7.433	63	51702	51.405	ug/l	97
46) Dibromomethane	7.586	93	34078	50.303	ug/l #	85
47) Bromodichloromethane	7.830	83	65667	49.889	ug/l	93
48) Methyl methacrylate	7.696	41	63883	52.912	ug/l	89
49) 1,4-Dioxane	7.665	88	24091	1048.381	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	437874	274.283	ug/l	91
52) Toluene	8.726	92	117874	50.807	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72434	46.542	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	79684	47.683	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	51055	53.782	ug/l	98
56) Ethyl methacrylate	9.122	69	86108	50.141	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	89105	53.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	220468	257.618	ug/l	95
59) 2-Hexanone	9.433	43	338470	277.496	ug/l	88
60) Dibromochloromethane	9.525	129	44938	48.310	ug/l	98
61) 1,2-Dibromoethane	9.616	107	50880	53.700	ug/l	99
64) Tetrachloroethene	9.275	164	36234	48.526	ug/l #	84
65) Chlorobenzene	10.085	112	125779	51.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44555	50.018	ug/l	96
67) Ethyl Benzene	10.195	91	227711	50.264	ug/l	100
68) m/p-Xylenes	10.305	106	167558	102.111	ug/l	96
69) o-Xylene	10.646	106	83826	52.724	ug/l	96
70) Styrene	10.658	104	144354	49.186	ug/l	96
71) Bromoform	10.805	173	27036	46.632	ug/l #	98
73) Isopropylbenzene	10.963	105	218101	51.183	ug/l	100
74) N-amyl acetate	10.847	43	124705	54.416	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	84547	55.782	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75468m	54.847	ug/l	
77) Bromobenzene	11.201	156	48440	53.213	ug/l	83
78) n-propylbenzene	11.305	91	259831	50.483	ug/l	97
79) 2-Chlorotoluene	11.366	91	158827	50.996	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	182344	51.371	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	23329	44.620	ug/l	89
82) 4-Chlorotoluene	11.457	91	181900	51.037	ug/l	95
83) tert-Butylbenzene	11.719	119	167687	50.300	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	187024	51.945	ug/l	97
85) sec-Butylbenzene	11.896	105	212513	48.805	ug/l	97
86) p-Isopropyltoluene	12.012	119	179194	49.849	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	89592	51.853	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	86861	48.837	ug/l	96
89) n-Butylbenzene	12.335	91	164676	47.850	ug/l	97
90) Hexachloroethane	12.542	117	26834	45.288	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	88047	52.297	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16976	47.684	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	50050	49.553	ug/l	97
94) Hexachlorobutadiene	13.725	225	15817	43.668	ug/l	99
95) Naphthalene	13.780	128	219204	49.707	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52444	53.261	ug/l	98

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

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