

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024400.D
 Acq On : 21 Sep 2021 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:50 AM

Quant Time: Sep 22 04:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	153520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	273533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102047	46.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.220%
35) Dibromofluoromethane	5.397	113	76700	48.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.653	98	332535	57.344	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	114.680%#
62) 4-Bromofluorobenzene	11.085	95	116858	51.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	79732	54.028	ug/l	99
3) Chloromethane	1.295	50	85611	55.553	ug/l	100
4) Vinyl Chloride	1.380	62	85126	55.504	ug/l	98
5) Bromomethane	1.599	94	48729	53.370	ug/l	100
6) Chloroethane	1.679	64	48258	47.636	ug/l	99
7) Trichlorofluoromethane	1.886	101	126985	49.358	ug/l	98
8) Diethyl Ether	2.142	74	43900	49.314	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	87508	57.899	ug/l	96
10) Methyl Iodide	2.453	142	118271	56.562	ug/l	93
11) Tert butyl alcohol	2.983	59	133682	292.974	ug/l	100
12) 1,1-Dichloroethene	2.319	96	82669	58.402	ug/l	96
13) Acrolein	2.246	56	35007	242.627	ug/l	98
14) Allyl chloride	2.666	41	154631	60.109	ug/l	95
15) Acrylonitrile	3.075	53	277693	310.134	ug/l	97
16) Acetone	2.392	43	250393	268.248	ug/l	89
17) Carbon Disulfide	2.514	76	185567	52.312	ug/l	99
18) Methyl Acetate	2.715	43	181376	61.978	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	318876	61.297	ug/l	100
20) Methylene Chloride	2.794	84	101041	56.370	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	89797	57.946	ug/l	96
22) Diisopropyl ether	3.776	45	324227	64.170	ug/l	93
23) Vinyl Acetate	3.733	43	1286474	313.585	ug/l	95
24) 1,1-Dichloroethane	3.617	63	178302	60.139	ug/l	97
25) 2-Butanone	4.574	43	404381	294.129	ug/l	97
26) 2,2-Dichloropropane	4.489	77	133754	51.507	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	110910	61.972	ug/l	99
28) Bromochloromethane	4.904	49	73621	60.944	ug/l	96
29) Tetrahydrofuran	5.019	42	262994	305.620	ug/l	90
30) Chloroform	5.105	83	191426	60.716	ug/l	99
31) Cyclohexane	5.477	56	122433	47.813	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	145665	51.623	ug/l	98
36) 1,1-Dichloropropene	5.702	75	112172	51.401	ug/l	99
37) Ethyl Acetate	4.733	43	154569	60.786	ug/l	95
38) Carbon Tetrachloride	5.684	117	129504	52.725	ug/l	97
39) Methylcyclohexane	7.385	83	131474	50.461	ug/l	98
40) Benzene	6.044	78	327449	52.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	87086	64.220	ug/l	92
42) 1,2-Dichloroethane	6.099	62	141172	54.089	ug/l	93
43) Isopropyl Acetate	6.355	43	212869	52.589	ug/l	92
44) Trichloroethene	7.135	130	90895	51.686	ug/l	97
45) 1,2-Dichloropropane	7.440	63	87115	52.734	ug/l	97
46) Dibromomethane	7.586	93	63808	52.768	ug/l	98
47) Bromodichloromethane	7.830	83	131349	58.416	ug/l	99
48) Methyl methacrylate	7.702	41	109977	54.454	ug/l	85
49) 1,4-Dioxane	7.665	88	44986	1063.776	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	830684	322.050	ug/l	93
52) Toluene	8.726	92	261117	63.652	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	157424	61.737	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	167046	63.305	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	110256	63.109	ug/l	99
56) Ethyl methacrylate	9.122	69	171691	58.630	ug/l	88
57) 1,3-Dichloropropane	9.311	76	179073	62.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	379534	300.187	ug/l	97
59) 2-Hexanone	9.433	43	653228	325.015	ug/l	90
60) Dibromochloromethane	9.525	129	113604	57.084	ug/l	100
61) 1,2-Dibromoethane	9.616	107	116762	62.722	ug/l	99
64) Tetrachloroethene	9.281	164	107564	50.761	ug/l	96
65) Chlorobenzene	10.086	112	290665	51.651	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	110211	52.843	ug/l	99
67) Ethyl Benzene	10.195	91	515378	52.353	ug/l	99
68) m/p-Xylenes	10.305	106	405580	107.614	ug/l	100
69) o-Xylene	10.646	106	190496	50.635	ug/l	99
70) Styrene	10.659	104	324594	53.186	ug/l	98
71) Bromoform	10.805	173	79937	46.025	ug/l	100
73) Isopropylbenzene	10.964	105	479957	46.315	ug/l	100
74) N-amyl acetate	10.848	43	216013	49.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.220	83	150482	44.886	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	146149m	45.674	ug/l	
77) Bromobenzene	11.201	156	124222	47.697	ug/l	95
78) n-propylbenzene	11.311	91	573820	49.016	ug/l	98
79) 2-Chlorotoluene	11.366	91	348340	47.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	434920	49.790	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	49502	45.498	ug/l	93
82) 4-Chlorotoluene	11.457	91	408884	49.421	ug/l	99
83) tert-Butylbenzene	11.719	119	441421	52.358	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	445299	51.824	ug/l	99
85) sec-Butylbenzene	11.896	105	559311	52.950	ug/l	99
86) p-Isopropyltoluene	12.012	119	463416	52.265	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	241534	51.775	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	239232	50.240	ug/l	99
89) n-Butylbenzene	12.335	91	388288	50.611	ug/l	98
90) Hexachloroethane	12.542	117	74707	52.296	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	227484	49.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36551	47.522	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	139437	51.700	ug/l	99
94) Hexachlorobutadiene	13.725	225	63991	47.514	ug/l	99
95) Naphthalene	13.780	128	483762	48.678	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143372	52.740	ug/l	98

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

