

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024088.D
 Acq On : 02 Sep 2021 22:41
 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
 9/7/2021 4:37:18 PM

Quant Time: Sep 03 05:43:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	154141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	235148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	101012	46.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.900%		
35) Dibromofluoromethane	5.397	113	76677	47.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.652	98	274557	44.664	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.320%#		
62) 4-Bromofluorobenzene	11.085	95	111178	49.130	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	77173	47.453	ug/l	98
3) Chloromethane	1.294	50	81335	45.559	ug/l	98
4) Vinyl Chloride	1.379	62	81612	46.872	ug/l	98
5) Bromomethane	1.599	94	52282	47.758	ug/l	99
6) Chloroethane	1.678	64	54492	42.385	ug/l	100
7) Trichlorofluoromethane	1.885	101	144941	52.713	ug/l	98
8) Diethyl Ether	2.141	74	49470	51.519	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.330	101	80263	51.875	ug/l	94
10) Methyl Iodide	2.452	142	112992	52.448	ug/l	92
11) Tert butyl alcohol	2.983	59	122120	280.694	ug/l	98
12) 1,1-Dichloroethene	2.318	96	76988	52.044	ug/l	91
13) Acrolein	2.245	56	70474	272.205	ug/l	98
14) Allyl chloride	2.666	41	136530	50.081	ug/l	88
15) Acrylonitrile	3.074	53	249904	257.801	ug/l	97
16) Acetone	2.391	43	234628	243.918	ug/l	89
17) Carbon Disulfide	2.513	76	174789	49.541	ug/l	99
18) Methyl Acetate	2.715	43	123156	51.287	ug/l	92
19) Methyl tert-butyl Ether	3.129	73	291590	56.636	ug/l	100
20) Methylene Chloride	2.794	84	91145	49.606	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	82898	52.464	ug/l	97
22) Diisopropyl ether	3.775	45	292201	53.815	ug/l	96
23) Vinyl Acetate	3.733	43	1198299	272.816	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	162226	53.685	ug/l	97
25) 2-Butanone	4.574	43	375163	257.498	ug/l	93
26) 2,2-Dichloropropane	4.489	77	119750	48.283	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	99633	52.992	ug/l	98
28) Bromochloromethane	4.909	49	64348	46.833	ug/l	95
29) Tetrahydrofuran	5.019	42	243281	257.790	ug/l	90
30) Chloroform	5.104	83	174627	54.577	ug/l	99
31) Cyclohexane	5.482	56	137493	49.746	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	157918	57.639	ug/l	98
36) 1,1-Dichloropropene	5.702	75	122220	54.084	ug/l	99
37) Ethyl Acetate	4.732	43	145855	52.507	ug/l	94
38) Carbon Tetrachloride	5.684	117	138725	58.870	ug/l	98
39) Methylcyclohexane	7.384	83	144490	52.513	ug/l	97
40) Benzene	6.049	78	354914	53.114	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	81070	53.836	ug/l	91
42) 1,2-Dichloroethane	6.098	62	151742	57.779	ug/l	93
43) Isopropyl Acetate	6.354	43	236353	54.396	ug/l	93
44) Trichloroethene	7.134	130	100083	54.219	ug/l	100
45) 1,2-Dichloropropane	7.439	63	94307	53.149	ug/l	98
46) Dibromomethane	7.586	93	70052	56.731	ug/l	96
47) Bromodichloromethane	7.829	83	132277	59.215	ug/l	98
48) Methyl methacrylate	7.701	41	118894	56.092	ug/l	85
49) 1,4-Dioxane	7.665	88	49276	1099.980	ug/l #	96
51) 4-Methyl-2-Pentanone	8.579	43	787335	280.321	ug/l	90
52) Toluene	8.726	92	237281	54.800	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	145875	50.532	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	150568	55.626	ug/l #	90
55) 1,1,2-Trichloroethane	9.158	97	100851	56.574	ug/l	99
56) Ethyl methacrylate	9.122	69	158798	52.101	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	164040	55.481	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	386263	269.088	ug/l	97
59) 2-Hexanone	9.433	43	619189	286.798	ug/l	87
60) Dibromochloromethane	9.524	129	105563	53.496	ug/l	100
61) 1,2-Dibromoethane	9.616	107	106813	56.718	ug/l	100
64) Tetrachloroethene	9.280	164	99228	52.833	ug/l	97
65) Chlorobenzene	10.085	112	266744	54.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	100736	57.681	ug/l	99
67) Ethyl Benzene	10.195	91	476172	55.571	ug/l	100
68) m/p-Xylenes	10.305	106	373041	114.298	ug/l	100
69) o-Xylene	10.646	106	183213	57.124	ug/l	100
70) Styrene	10.658	104	307930	58.933	ug/l	98
71) Bromoform	10.805	173	78643	55.208	ug/l #	98
73) Isopropylbenzene	10.963	105	487814	54.668	ug/l	99
74) N-amyl acetate	10.847	43	217359	53.901	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	154346	52.779	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	143474m	52.574	ug/l	
77) Bromobenzene	11.201	156	121697	55.373	ug/l	95
78) n-propylbenzene	11.311	91	561992	55.065	ug/l	100
79) 2-Chlorotoluene	11.365	91	341730	55.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	414240	56.490	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	48106	51.853	ug/l	89
82) 4-Chlorotoluene	11.457	91	392048	55.992	ug/l	100
83) tert-Butylbenzene	11.719	119	403548	56.663	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	411208	56.241	ug/l	99
85) sec-Butylbenzene	11.896	105	510682	56.637	ug/l	99
86) p-Isopropyltoluene	12.012	119	425930	57.395	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	217198	54.624	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	216421	54.572	ug/l	99
89) n-Butylbenzene	12.335	91	369760	55.804	ug/l	98
90) Hexachloroethane	12.542	117	70781	54.579	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	208582	54.146	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	33785	49.304	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	130976	56.494	ug/l	97
94) Hexachlorobutadiene	13.731	225	58468	56.581	ug/l	98
95) Naphthalene	13.780	128	442566	51.676	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	131367	56.894	ug/l	99

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

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