

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024249.D
 Acq On : 15 Sep 2021 10:13
 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
 9/22/2021 7:38:40 PM

Quant Time: Sep 22 07:40:13 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	180972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125110	48.481	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.391	113	93287	49.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.653	98	341024	49.358	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.720%		
62) 4-Bromofluorobenzene	11.085	95	138333	51.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	88167	50.681	ug/l	100
3) Chloromethane	1.295	50	90465	49.798	ug/l	97
4) Vinyl Chloride	1.374	62	90916	50.287	ug/l	100
5) Bromomethane	1.599	94	53127	49.360	ug/l	96
6) Chloroethane	1.679	64	59905	50.163	ug/l	98
7) Trichlorofluoromethane	1.880	101	158253	52.181	ug/l	99
8) Diethyl Ether	2.136	74	55892	53.260	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	92347	51.832	ug/l	95
10) Methyl Iodide	2.453	142	128807	52.257	ug/l	92
11) Tert butyl alcohol	2.983	59	141182	260.075	ug/l	99
12) 1,1-Dichloroethene	2.319	96	85524	51.254	ug/l	94
13) Acrolein	2.240	56	39152	230.193	ug/l	94
14) Allyl chloride	2.666	41	158055	52.120	ug/l	91
15) Acrylonitrile	3.069	53	279534	264.834	ug/l	97
16) Acetone	2.392	43	305547	277.681	ug/l	89
17) Carbon Disulfide	2.508	76	207203	49.550	ug/l	100
18) Methyl Acetate	2.709	43	183403	53.164	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	329197	53.682	ug/l	100
20) Methylene Chloride	2.794	84	100626	47.623	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	94144	51.536	ug/l	93
22) Diisopropyl ether	3.770	45	323082	54.244	ug/l	98
23) Vinyl Acetate	3.727	43	1352298	279.627	ug/l	95
24) 1,1-Dichloroethane	3.611	63	179744	51.429	ug/l	97
25) 2-Butanone	4.568	43	437310	269.830	ug/l	92
26) 2,2-Dichloropropane	4.483	77	159855	52.221	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	111227	52.722	ug/l	95
28) Bromochloromethane	4.904	49	71762	50.393	ug/l	94
29) Tetrahydrofuran	5.013	42	273987	270.097	ug/l	90
30) Chloroform	5.105	83	193076	51.949	ug/l	99
31) Cyclohexane	5.477	56	160684	53.232	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	174658	52.508	ug/l	99
36) 1,1-Dichloropropene	5.696	75	140391	53.995	ug/l	99
37) Ethyl Acetate	4.721	43	162366	53.592	ug/l	95
38) Carbon Tetrachloride	5.684	117	154895	52.929	ug/l	96
39) Methylcyclohexane	7.385	83	177350	57.131	ug/l	97
40) Benzene	6.044	78	398228	53.401	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	89250	55.241	ug/l	92
42) 1,2-Dichloroethane	6.092	62	170247	54.748	ug/l	94
43) Isopropyl Acetate	6.349	43	261565	54.236	ug/l	93
44) Trichloroethene	7.129	130	111993	53.450	ug/l	98
45) 1,2-Dichloropropane	7.434	63	106273	53.994	ug/l	98
46) Dibromomethane	7.586	93	77531	53.814	ug/l	99
47) Bromodichloromethane	7.824	83	146698	54.759	ug/l	99
48) Methyl methacrylate	7.696	41	131443	54.625	ug/l	87
49) 1,4-Dioxane	7.665	88	57769	1146.558	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	865878	281.755	ug/l	91
52) Toluene	8.720	92	265149	54.249	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	169699	55.857	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	177009	56.302	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	110328	53.003	ug/l	98
56) Ethyl methacrylate	9.122	69	177804	51.140	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	184359	54.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	405500	269.191	ug/l	98
59) 2-Hexanone	9.433	43	701467	292.937	ug/l	89
60) Dibromochloromethane	9.525	129	118108	50.032	ug/l	99
61) 1,2-Dibromoethane	9.610	107	120898	54.509	ug/l	99
64) Tetrachloroethene	9.275	164	112501	53.511	ug/l	95
65) Chlorobenzene	10.080	112	297879	53.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	111189	53.734	ug/l	99
67) Ethyl Benzene	10.195	91	535689	54.847	ug/l	99
68) m/p-Xylenes	10.305	106	418301	111.867	ug/l	99
69) o-Xylene	10.647	106	202412	54.228	ug/l	98
70) Styrene	10.659	104	346426	57.212	ug/l	98
71) Bromoform	10.805	173	88314	51.123	ug/l #	99
73) Isopropylbenzene	10.964	105	543023	51.228	ug/l	99
74) N-amyl acetate	10.848	43	243941	54.668	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	172559	50.319	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	164714m	50.324	ug/l	
77) Bromobenzene	11.201	156	136114	51.093	ug/l	96
78) n-propylbenzene	11.305	91	638725	53.339	ug/l	99
79) 2-Chlorotoluene	11.366	91	385567	51.837	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	474795	53.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	59738	53.677	ug/l	92
82) 4-Chlorotoluene	11.457	91	451944	53.403	ug/l	99
83) tert-Butylbenzene	11.720	119	458250	53.137	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	468539	53.308	ug/l	99
85) sec-Butylbenzene	11.896	105	588277	54.445	ug/l	99
86) p-Isopropyltoluene	12.012	119	497105	54.809	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251379	52.680	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	251846	51.706	ug/l	98
89) n-Butylbenzene	12.335	91	441740	56.290	ug/l	98
90) Hexachloroethane	12.543	117	79512	54.413	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	240454	51.363	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38592	49.052	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	149267	54.107	ug/l	99
94) Hexachlorobutadiene	13.725	225	72725	52.790	ug/l	99
95) Naphthalene	13.780	128	499516	49.126	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152490	54.838	ug/l	98

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

