

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024151.D
 Acq On : 09 Sep 2021 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:46:08 PM

Quant Time: Sep 10 07:31:38 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	5.562	168	198224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	310413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	297455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124319	44.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.880%		
35) Dibromofluoromethane	5.397	113	99201	48.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.653	98	350093	44.771	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.540%#		
62) 4-Bromofluorobenzene	11.085	95	143530	49.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	111106	53.125	ug/l	99
3) Chloromethane	1.294	50	108024	47.052	ug/l	100
4) Vinyl Chloride	1.380	62	107538	48.026	ug/l	99
5) Bromomethane	1.599	94	56256	39.960	ug/l	97
6) Chloroethane	1.678	64	66178	39.856	ug/l	99
7) Trichlorofluoromethane	1.886	101	172727	48.848	ug/l	98
8) Diethyl Ether	2.142	74	61561	49.854	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	100795	50.658	ug/l	96
10) Methyl Iodide	2.453	142	139436	50.329	ug/l	94
11) Tert butyl alcohol	2.983	59	154723	276.543	ug/l	99
12) 1,1-Dichloroethene	2.318	96	98851	51.962	ug/l	97
13) Acrolein	2.245	56	67475	202.662	ug/l	98
14) Allyl chloride	2.666	41	170701	48.690	ug/l	94
15) Acrylonitrile	3.074	53	312053	250.323	ug/l	98
16) Acetone	2.392	43	285097	230.472	ug/l	92
17) Carbon Disulfide	2.514	76	221413	48.800	ug/l	100
18) Methyl Acetate	2.715	43	199768	64.690	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	366698	55.385	ug/l	98
20) Methylene Chloride	2.794	84	114092	48.285	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	109130	53.707	ug/l	97
22) Diisopropyl ether	3.776	45	350050	50.132	ug/l	93
23) Vinyl Acetate	3.733	43	1475825	261.277	ug/l	95
24) 1,1-Dichloroethane	3.617	63	197615	50.852	ug/l	98
25) 2-Butanone	4.574	43	454660	242.662	ug/l	95
26) 2,2-Dichloropropane	4.483	77	159642	50.053	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	126529	52.331	ug/l	98
28) Bromochloromethane	4.909	49	77705	43.977	ug/l	98
29) Tetrahydrofuran	5.019	42	294752	242.871	ug/l	92
30) Chloroform	5.105	83	210538	51.167	ug/l	99
31) Cyclohexane	5.476	56	172731	48.597	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	192016	54.498	ug/l	99
36) 1,1-Dichloropropene	5.702	75	154393	53.708	ug/l	99
37) Ethyl Acetate	4.727	43	170982	48.387	ug/l	96
38) Carbon Tetrachloride	5.690	117	165353	55.162	ug/l	99
39) Methylcyclohexane	7.385	83	192732	55.064	ug/l	97
40) Benzene	6.043	78	448331	52.743	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	93418	48.767	ug/l	94
42) 1,2-Dichloroethane	6.098	62	178279	53.365	ug/l	96
43) Isopropyl Acetate	6.354	43	278237	50.340	ug/l	95
44) Trichloroethene	7.129	130	126536	53.888	ug/l	100
45) 1,2-Dichloropropane	7.439	63	117279	51.958	ug/l	94
46) Dibromomethane	7.586	93	82538	52.546	ug/l	99
47) Bromodichloromethane	7.830	83	156178	54.961	ug/l	95
48) Methyl methacrylate	7.702	41	169386	62.821	ug/l	90
49) 1,4-Dioxane	7.665	88	63073	1106.828	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	919797	257.439	ug/l	93
52) Toluene	8.726	92	298280	54.153	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	179613	48.980	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	189963	55.170	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	125353	55.279	ug/l	98
56) Ethyl methacrylate	9.122	69	154681	40.073	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	203715	54.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	456731	250.126	ug/l	99
59) 2-Hexanone	9.433	43	714042	259.994	ug/l	90
60) Dibromochloromethane	9.524	129	128039	51.086	ug/l	100
61) 1,2-Dibromoethane	9.616	107	134124	55.988	ug/l	99
64) Tetrachloroethene	9.275	164	125398	52.781	ug/l	96
65) Chlorobenzene	10.085	112	333473	53.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	124862	56.519	ug/l	99
67) Ethyl Benzene	10.195	91	597545	55.128	ug/l	98
68) m/p-Xylenes	10.305	106	458096	110.958	ug/l	100
69) o-Xylene	10.646	106	222732	54.899	ug/l	98
70) Styrene	10.658	104	330711	50.035	ug/l	96
71) Bromoform	10.805	173	90011	50.136	ug/l	98
73) Isopropylbenzene	10.963	105	600476	54.229	ug/l	99
74) N-amyl acetate	10.847	43	241637	48.288	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	184050	50.718	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	173455m	51.220	ug/l	
77) Bromobenzene	11.201	156	151846	55.677	ug/l	93
78) n-propylbenzene	11.311	91	660844	52.179	ug/l	98
79) 2-Chlorotoluene	11.366	91	403443	52.704	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	507058	55.723	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	58069	50.439	ug/l	95
82) 4-Chlorotoluene	11.457	91	467734	53.832	ug/l	100
83) tert-Butylbenzene	11.719	119	484785	54.854	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	514461	56.702	ug/l	99
85) sec-Butylbenzene	11.896	105	570718	51.007	ug/l	100
86) p-Isopropyltoluene	12.012	119	524599	56.967	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	261025	52.901	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	254015	51.616	ug/l	99
89) n-Butylbenzene	12.335	91	441099	53.646	ug/l	98
90) Hexachloroethane	12.542	117	79885	49.772	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	244439	51.135	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40981	48.243	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	163044	56.672	ug/l	98
94) Hexachlorobutadiene	13.731	225	69758	54.400	ug/l	99
95) Naphthalene	13.780	128	557188	52.410	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	163183	56.952	ug/l	98

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

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