

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024053.D
 Acq On : 31 Aug 2021 18:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:43:48 PM

Quant Time: Sep 01 05:06:07 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	164115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	265322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125629	54.847	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.700%			
35) Dibromofluoromethane	5.397	113	93836	53.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	8.653	98	337921	50.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.085	95	139552	56.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	92067	53.171	ug/l	99
3) Chloromethane	1.294	50	96505	50.771	ug/l	100
4) Vinyl Chloride	1.374	62	95789	51.670	ug/l	97
5) Bromomethane	1.599	94	60360	51.786	ug/l	96
6) Chloroethane	1.678	64	62274	45.791	ug/l	97
7) Trichlorofluoromethane	1.886	101	161304	55.099	ug/l	100
8) Diethyl Ether	2.142	74	56129	54.902	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	95138	57.752	ug/l	96
10) Methyl Iodide	2.453	142	125041	54.514	ug/l	91
11) Tert butyl alcohol	2.983	59	145246	313.560	ug/l	99
12) 1,1-Dichloroethene	2.319	96	88886	56.435	ug/l	87
13) Acrolein	2.245	56	74335	269.669	ug/l	99
14) Allyl chloride	2.666	41	170528	58.750	ug/l	90
15) Acrylonitrile	3.075	53	303549	294.110	ug/l	96
16) Acetone	2.392	43	282821	276.150	ug/l	88
17) Carbon Disulfide	2.514	76	215368	57.333	ug/l	99
18) Methyl Acetate	2.715	43	151510	59.260	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	337447	61.559	ug/l	100
20) Methylene Chloride	2.794	84	104995	53.671	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	95978	57.051	ug/l	91
22) Diisopropyl ether	3.776	45	347215	60.061	ug/l	95
23) Vinyl Acetate	3.733	43	1447514	309.526	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	191360	59.477	ug/l	96
25) 2-Butanone	4.574	43	457927	295.202	ug/l	91
26) 2,2-Dichloropropane	4.489	77	147998	56.046	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	115776	57.836	ug/l	95
28) Bromochloromethane	4.904	49	79670	54.460	ug/l	90
29) Tetrahydrofuran	5.019	42	299567	298.141	ug/l	88
30) Chloroform	5.105	83	203712	59.798	ug/l	99
31) Cyclohexane	5.477	56	169047	57.445	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	180948	62.031	ug/l	97
36) 1,1-Dichloropropene	5.702	75	146201	59.502	ug/l	98
37) Ethyl Acetate	4.727	43	175380	58.067	ug/l #	94
38) Carbon Tetrachloride	5.684	117	158139	61.721	ug/l	99
39) Methylcyclohexane	7.385	83	170861	57.111	ug/l	98
40) Benzene	6.044	78	418752	57.636	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	97794	59.728	ug/l	90
42) 1,2-Dichloroethane	6.098	62	178020	62.343	ug/l	93
43) Isopropyl Acetate	6.354	43	281599	59.607	ug/l	92
44) Trichloroethene	7.129	130	111530	55.570	ug/l	95
45) 1,2-Dichloropropane	7.440	63	110677	57.367	ug/l	100
46) Dibromomethane	7.586	93	79397	59.137	ug/l	96
47) Bromodichloromethane	7.830	83	154167	63.474	ug/l	99
48) Methyl methacrylate	7.696	41	141775	61.517	ug/l	84
49) 1,4-Dioxane	7.665	88	59638	1224.408	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	952645	311.947	ug/l	90
52) Toluene	8.726	92	273834	58.164	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	171031	54.323	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	178344	60.598	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	113858	58.743	ug/l	98
56) Ethyl methacrylate	9.122	69	185384	55.885	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	192747	59.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	426389	273.194	ug/l	96
59) 2-Hexanone	9.433	43	760763	324.082	ug/l	86
60) Dibromochloromethane	9.525	129	119048	55.423	ug/l	99
61) 1,2-Dibromoethane	9.616	107	122010	59.586	ug/l	100
64) Tetrachloroethene	9.275	164	110225	54.769	ug/l	91
65) Chlorobenzene	10.086	112	302477	57.527	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	114608	61.242	ug/l	99
67) Ethyl Benzene	10.195	91	553675	60.301	ug/l	99
68) m/p-Xylenes	10.305	106	425541	121.677	ug/l	98
69) o-Xylene	10.646	106	209010	60.815	ug/l	98
70) Styrene	10.659	104	354553	63.324	ug/l	97
71) Bromoform	10.805	173	91258	59.625	ug/l	99
73) Isopropylbenzene	10.963	105	555220	56.599	ug/l	99
74) N-amyl acetate	10.848	43	267452	60.329	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	183824	57.178	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	174241m	58.078	ug/l	
77) Bromobenzene	11.201	156	137827	57.044	ug/l	98
78) n-propylbenzene	11.305	91	656998	58.556	ug/l	99
79) 2-Chlorotoluene	11.366	91	397059	58.550	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	479304	59.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	59229	58.072	ug/l	89
82) 4-Chlorotoluene	11.457	91	454019	58.982	ug/l	99
83) tert-Butylbenzene	11.719	119	464316	59.303	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	475764	59.189	ug/l	99
85) sec-Butylbenzene	11.896	105	594937	60.019	ug/l	100
86) p-Isopropyltoluene	12.012	119	497254	60.951	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251264	57.480	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	250108	57.367	ug/l	98
89) n-Butylbenzene	12.335	91	431858	59.286	ug/l	97
90) Hexachloroethane	12.542	117	84002	58.803	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	241732	57.081	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41717	55.111	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	143292	56.220	ug/l	98
94) Hexachlorobutadiene	13.725	225	65369	57.542	ug/l	99
95) Naphthalene	13.780	128	503173	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	149043	58.715	ug/l	99

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

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