

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023900.D
 Acq On : 23 Aug 2021 14:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 11:43:53 AM

Quant Time: Aug 24 07:14:56 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	227082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	350996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163379	51.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.100%			
35) Dibromofluoromethane	5.391	113	124026	53.387	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	8.653	98	464127	52.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.980%			
62) 4-Bromofluorobenzene	11.085	95	186997	57.449	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	116399	48.583	ug/l	96
3) Chloromethane	1.295	50	120853	45.950	ug/l	100
4) Vinyl Chloride	1.374	62	119942	46.759	ug/l	100
5) Bromomethane	1.599	94	75320	46.703	ug/l	98
6) Chloroethane	1.679	64	75913	39.912	ug/l	97
7) Trichlorofluoromethane	1.886	101	202040	49.877	ug/l	99
8) Diethyl Ether	2.136	74	69338	49.016	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	115271	50.571	ug/l	97
10) Methyl Iodide	2.453	142	150304	47.358	ug/l	93
11) Tert butyl alcohol	2.977	59	155090	241.972	ug/l	98
12) 1,1-Dichloroethene	2.319	96	105717	48.509	ug/l	94
13) Acrolein	2.239	56	96159	252.111	ug/l	97
14) Allyl chloride	2.666	41	198453	49.413	ug/l	90
15) Acrylonitrile	3.069	53	342143	239.582	ug/l	97
16) Acetone	2.386	43	337567	238.210	ug/l	89
17) Carbon Disulfide	2.514	76	267845	51.531	ug/l	99
18) Methyl Acetate	2.709	43	171453	48.466	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	387097	51.036	ug/l	99
20) Methylene Chloride	2.794	84	123186	45.509	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	113827	48.899	ug/l	94
22) Diisopropyl ether	3.770	45	401054	50.137	ug/l	98
23) Vinyl Acetate	3.727	43	1655248	255.801	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	217228	48.796	ug/l	97
25) 2-Butanone	4.568	43	528889	246.407	ug/l	92
26) 2,2-Dichloropropane	4.483	77	196113	53.674	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	134727	48.640	ug/l	95
28) Bromochloromethane	4.904	49	97556	48.195	ug/l	93
29) Tetrahydrofuran	5.013	42	334017	240.249	ug/l	88
30) Chloroform	5.099	83	230258	48.848	ug/l	99
31) Cyclohexane	5.471	56	200376	49.211	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	207570	51.426	ug/l	98
36) 1,1-Dichloropropene	5.696	75	171262	52.688	ug/l	98
37) Ethyl Acetate	4.727	43	196673	49.223	ug/l	95
38) Carbon Tetrachloride	5.684	117	182556	53.859	ug/l	99
39) Methylcyclohexane	7.385	83	213361	53.910	ug/l	96
40) Benzene	6.044	78	483035	50.256	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	108417	50.053	ug/l	91
42) 1,2-Dichloroethane	6.092	62	196612	52.048	ug/l	94
43) Isopropyl Acetate	6.348	43	324659	51.947	ug/l	92
44) Trichloroethene	7.129	130	132772	50.006	ug/l	100
45) 1,2-Dichloropropane	7.434	63	128947	50.523	ug/l	98
46) Dibromomethane	7.586	93	90655	51.041	ug/l	97
47) Bromodichloromethane	7.824	83	176960	55.074	ug/l	99
48) Methyl methacrylate	7.696	41	159921	52.453	ug/l	85
49) 1,4-Dioxane	7.665	88	62609	971.653	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	1067180	264.155	ug/l	90
52) Toluene	8.720	92	319412	51.285	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	207367	49.966	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	213227	54.766	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	132612	51.718	ug/l	99
56) Ethyl methacrylate	9.122	69	219117	50.012	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	220628	51.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	515618	249.726	ug/l	97
59) 2-Hexanone	9.433	43	856766	275.892	ug/l	87
60) Dibromochloromethane	9.525	129	141576	49.994	ug/l	99
61) 1,2-Dibromoethane	9.610	107	143002	52.792	ug/l	99
64) Tetrachloroethene	9.275	164	131569	48.725	ug/l	94
65) Chlorobenzene	10.080	112	358452	50.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	134121	53.416	ug/l	100
67) Ethyl Benzene	10.195	91	647447	52.556	ug/l	99
68) m/p-Xylenes	10.305	106	499381	106.425	ug/l	100
69) o-Xylene	10.646	106	243033	52.706	ug/l	99
70) Styrene	10.659	104	407807	54.286	ug/l	97
71) Bromoform	10.805	173	105109	51.459	ug/l	99
73) Isopropylbenzene	10.964	105	653629	50.940	ug/l	99
74) N-amyl acetate	10.848	43	301039	51.915	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	201853	48.001	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	198446m	50.569	ug/l	
77) Bromobenzene	11.201	156	160108	50.661	ug/l	97
78) n-propylbenzene	11.305	91	764963	52.123	ug/l	99
79) 2-Chlorotoluene	11.366	91	457548	51.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	555176	52.650	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	72791	54.563	ug/l	91
82) 4-Chlorotoluene	11.457	91	529073	52.547	ug/l	100
83) tert-Butylbenzene	11.719	119	545527	53.268	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	554807	52.769	ug/l	99
85) sec-Butylbenzene	11.896	105	708345	54.632	ug/l	100
86) p-Isopropyltoluene	12.012	119	587940	55.096	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	295046	51.601	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	291955	51.196	ug/l	99
89) n-Butylbenzene	12.335	91	529151	55.536	ug/l	97
90) Hexachloroethane	12.542	117	97821	52.512	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	277773	50.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47061	47.828	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	173874	52.154	ug/l	99
94) Hexachlorobutadiene	13.725	225	80596	54.239	ug/l	100
95) Naphthalene	13.780	128	586141	47.696	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178272	53.692	ug/l	99

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

