

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX024003.D
 Acq On : 27 Aug 2021 19:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:16:01 AM

Quant Time: Aug 28 05:01:18 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	211292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347293	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164687	55.846	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.700%			
35) Dibromofluoromethane	5.397	113	123833	53.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	8.653	98	459987	52.577	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.160%			
62) 4-Bromofluorobenzene	11.085	95	191315	59.402	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	108155	48.516	ug/l	100
3) Chloromethane	1.294	50	115242	47.091	ug/l	97
4) Vinyl Chloride	1.374	62	115929	48.572	ug/l	99
5) Bromomethane	1.599	94	61160	40.757	ug/l	98
6) Chloroethane	1.678	64	73375	41.576	ug/l	99
7) Trichlorofluoromethane	1.886	101	187440	49.731	ug/l	97
8) Diethyl Ether	2.142	74	67436	51.234	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	105454	49.721	ug/l	96
10) Methyl Iodide	2.453	142	129058	43.702	ug/l	92
11) Tert butyl alcohol	2.983	59	158372	265.558	ug/l	99
12) 1,1-Dichloroethene	2.319	96	104574	51.571	ug/l	92
13) Acrolein	2.245	56	61215	172.488	ug/l	96
14) Allyl chloride	2.666	41	199137	53.288	ug/l	91
15) Acrylonitrile	3.075	53	335270	252.314	ug/l	97
16) Acetone	2.392	43	304271	230.760	ug/l	89
17) Carbon Disulfide	2.514	76	259109	53.576	ug/l	100
18) Methyl Acetate	2.715	43	164375	49.937	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	397876	56.377	ug/l	99
20) Methylene Chloride	2.794	84	122279	48.550	ug/l #	86
21) trans-1,2-Dichloroethene	3.099	96	112783	52.071	ug/l	95
22) Diisopropyl ether	3.776	45	402431	54.069	ug/l	93
23) Vinyl Acetate	3.733	43	1664395	276.437	ug/l	94
24) 1,1-Dichloroethane	3.617	63	221307	53.427	ug/l	97
25) 2-Butanone	4.568	43	500846	250.780	ug/l	92
26) 2,2-Dichloropropane	4.483	77	173841	51.134	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	135356	52.519	ug/l	95
28) Bromochloromethane	4.910	49	101612	53.951	ug/l	93
29) Tetrahydrofuran	5.019	42	326866	252.675	ug/l	89
30) Chloroform	5.105	83	229988	52.437	ug/l	98
31) Cyclohexane	5.477	56	198865	52.489	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	209787	55.860	ug/l	99
36) 1,1-Dichloropropene	5.702	75	167415	52.054	ug/l	99
37) Ethyl Acetate	4.733	43	193862	49.036	ug/l	95
38) Carbon Tetrachloride	5.690	117	180933	53.949	ug/l	99
39) Methylcyclohexane	7.385	83	200653	51.239	ug/l	96
40) Benzene	6.050	78	483965	50.889	ug/l	100

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41) Methacrylonitrile	4.934	41	109061	50.888	ug/l	91
42) 1,2-Dichloroethane	6.098	62	201748	53.977	ug/l	94
43) Isopropyl Acetate	6.354	43	325916	52.704	ug/l	93
44) Trichloroethene	7.135	130	131491	50.052	ug/l	98
45) 1,2-Dichloropropane	7.440	63	129821	51.407	ug/l	97
46) Dibromomethane	7.586	93	91176	51.881	ug/l	97
47) Bromodichloromethane	7.830	83	173448	54.557	ug/l	99
48) Methyl methacrylate	7.702	41	161412	53.507	ug/l	86
49) 1,4-Dioxane	7.665	88	65428	1026.229	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1042511	260.800	ug/l	90
52) Toluene	8.726	92	315303	51.165	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	199789	48.709	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	208713	54.179	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	131515	51.837	ug/l	98
56) Ethyl methacrylate	9.122	69	216664	49.979	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	220821	52.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	507149	248.243	ug/l	96
59) 2-Hexanone	9.433	43	827449	269.293	ug/l	87
60) Dibromochloromethane	9.525	129	137948	49.258	ug/l	99
61) 1,2-Dibromoethane	9.616	107	140618	52.465	ug/l	100
64) Tetrachloroethene	9.275	164	123710	47.064	ug/l	93
65) Chlorobenzene	10.085	112	352620	51.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	132274	54.117	ug/l	99
67) Ethyl Benzene	10.195	91	634848	52.938	ug/l	99
68) m/p-Xylenes	10.305	106	487942	106.823	ug/l	97
69) o-Xylene	10.646	106	241938	53.899	ug/l	97
70) Styrene	10.659	104	405367	55.433	ug/l	97
71) Bromoform	10.805	173	102890	51.735	ug/l	99
73) Isopropylbenzene	10.963	105	644986	50.480	ug/l	100
74) N-amyl acetate	10.848	43	307505	53.255	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	211306	50.463	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	196740m	50.348	ug/l	
77) Bromobenzene	11.201	156	158361	50.322	ug/l	99
78) n-propylbenzene	11.305	91	747434	51.146	ug/l	99
79) 2-Chlorotoluene	11.366	91	459712	52.046	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	550138	52.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	67402	50.738	ug/l	92
82) 4-Chlorotoluene	11.457	91	524217	52.286	ug/l	100
83) tert-Butylbenzene	11.719	119	539646	52.918	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	549200	52.458	ug/l	99
85) sec-Butylbenzene	11.896	105	682183	52.838	ug/l	99
86) p-Isopropyltoluene	12.012	119	568323	53.484	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	295046	51.821	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	293347	51.659	ug/l	99
89) n-Butylbenzene	12.335	91	498825	52.576	ug/l	98
90) Hexachloroethane	12.542	117	93962	50.707	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	283523	51.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47629	48.576	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	175591	52.893	ug/l	98
94) Hexachlorobutadiene	13.725	225	74942	50.649	ug/l	99
95) Naphthalene	13.780	128	604020	49.316	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	175260	53.009	ug/l	99

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

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