

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
 Data File : VV022069.D
 Acq On : 01 Sep 2021 16:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050326

Quant Time: Sep 02 13:14:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 02 05:24:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	401914	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	376107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	200148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	124627	44.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.560%
7) Chloroethane-d5	1.558	69	99255	45.665	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.320%
11) 1,1-Dichloroethene-d2	2.105	63	224033	48.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.340%
21) 2-Butanone-d5	3.876	46	191276	100.205	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.210%
24) Chloroform-d	4.349	84	233314	45.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
26) 1,2-Dichloroethane-d4	5.034	65	138837	46.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
32) Benzene-d6	5.050	84	479456	46.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.072	67	145699	45.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.820%
41) Toluene-d8	7.317	98	445827	46.297	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.622	79	69105	45.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.520%
47) 2-Hexanone-d5	8.088	63	135221	109.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.850%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	210290	51.181	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	11.625	152	180295	45.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	111253	40.270	ug/L	98
3) Chloromethane	1.240	50	116535	39.836	ug/L	98
5) Vinyl chloride	1.310	62	121533	41.218	ug/L	98
6) Bromomethane	1.507	94	68283	38.518	ug/L	100
8) Chloroethane	1.574	64	76320	41.376	ug/L	98
9) Trichlorofluoromethane	1.748	101	190992	45.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113086	45.918	ug/L	99
12) 1,1-Dichloroethene	2.114	96	106606	45.985	ug/L	94
13) Acetone	2.159	43	129383	80.897	ug/L #	74
14) Carbon disulfide	2.291	76	282182	40.339	ug/L	100
15) Methyl Acetate	2.426	43	146164	46.928	ug/L	100
16) Methylene chloride	2.503	84	138961	44.739	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	122528	43.712	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	412171	46.273	ug/L	100
19) 1,1-Dichloroethane	3.188	63	224263	44.921	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	139252	44.635	ug/L	97
22) 2-Butanone	3.957	43	204869	91.128	ug/L	97
23) Bromochloromethane	4.249	128	74841	45.045	ug/L	96
25) Chloroform	4.378	83	231741	43.850	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	165254	46.648	ug/L	99
29) Cyclohexane	4.680	56	187154	44.514	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	204095	45.659	ug/L	100
31) Carbon tetrachloride	4.828	117	172451	44.904	ug/L	100
33) Benzene	5.101	78	505054	46.155	ug/L	100
34) Trichloroethene	5.915	95	130922	42.239	ug/L	97
35) Methylcyclohexane	6.133	83	196759	43.423	ug/L	99
37) 1,2-Dichloropropane	6.175	63	128165	45.184	ug/L	100
38) Bromodichloromethane	6.513	83	165758	45.696	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	203274	46.417	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	382334	99.425	ug/L	99
42) Toluene	7.391	91	546950	46.312	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	186345	45.719	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	133081	46.111	ug/L	99
46) Tetrachloroethene	7.979	164	107379	44.553	ug/L	98
48) 2-Hexanone	8.140	43	295182	98.933	ug/L	99
49) Dibromochloromethane	8.249	129	142275	46.054	ug/L	98
50) 1,2-Dibromoethane	8.355	107	144261	46.574	ug/L	99
51) Chlorobenzene	8.882	112	357962	45.081	ug/L	100
52) Ethylbenzene	9.014	91	585451	45.793	ug/L	100
53) m,p-Xylene	9.140	106	226400	45.561	ug/L	99
54) o-Xylene	9.545	106	227644	46.300	ug/L	97
55) Styrene	9.561	104	388749	46.330	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	217303	51.966	ug/L	99
59) Bromoform	9.735	173	99544	46.827	ug/L	99
60) Isopropylbenzene	9.934	105	593010	47.153	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	169497	48.863	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	498584	47.222	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	512171	47.725	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	285211	44.666	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	287428	43.989	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	292417	46.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	43647	52.208	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	213789	44.776	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	185289	44.115	ug/L	99
71) Naphthalene	13.503	128	1473370	121.946	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	194337	47.437	ug/L	99

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

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