

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082321\
 Data File : VV021937.D
 Acq On : 23 Aug 2021 18:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050314

Quant Time: Aug 24 02:30:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 24 02:24:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	411276	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	392954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	211922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123352	38.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.740%
7) Chloroethane-d5	1.561	69	100428	41.392	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.780%
11) 1,1-Dichloroethene-d2	2.108	63	205483	40.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.300%
21) 2-Butanone-d5	3.876	46	194232	97.133	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.130%
24) Chloroform-d	4.352	84	250561	44.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	5.034	65	148773	46.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	5.050	84	509541	45.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
36) 1,2-Dichloropropane-d6	6.072	67	160905	45.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.460%
41) Toluene-d8	7.317	98	483009	46.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
43) trans-1,3-Dichloroprop...	7.622	79	76786	44.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.680%
47) 2-Hexanone-d5	8.088	63	132851	115.190	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.190%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	222631	51.054	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.100%
66) 1,2-Dichlorobenzene-d4	11.625	152	199784	45.553	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	139059	43.704	ug/L	100
3) Chloromethane	1.243	50	150076	45.417	ug/L	99
5) Vinyl chloride	1.311	62	148589	45.666	ug/L	100
6) Bromomethane	1.513	94	97068	49.633	ug/L	98
8) Chloroethane	1.581	64	92722	47.687	ug/L	99
9) Trichlorofluoromethane	1.751	101	203383	45.621	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	113751	44.566	ug/L	98
12) 1,1-Dichloroethene	2.114	96	111163	45.724	ug/L	98
13) Acetone	2.159	43	120024	72.947	ug/L #	100
14) Carbon disulfide	2.291	76	358577	43.835	ug/L	100
15) Methyl Acetate	2.426	43	160542	53.112	ug/L	97
16) Methylene chloride	2.503	84	168814	49.921	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	139581	48.927	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	437760	49.895	ug/L	99
19) 1,1-Dichloroethane	3.188	63	250234	49.276	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	153577	46.489	ug/L	99
22) 2-Butanone	3.960	43	211938	88.447	ug/L	95
23) Bromochloromethane	4.249	128	82564	47.108	ug/L	97
25) Chloroform	4.378	83	258831	47.368	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	180518	46.889	ug/L	99
29) Cyclohexane	4.680	56	215043	44.434	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	226214	46.006	ug/L	99
31) Carbon tetrachloride	4.828	117	193344	45.443	ug/L	98
33) Benzene	5.101	78	564167	46.655	ug/L	100
34) Trichloroethene	5.915	95	151385	43.564	ug/L	99
35) Methylcyclohexane	6.134	83	222855	43.958	ug/L	99
37) 1,2-Dichloropropane	6.175	63	142229	46.451	ug/L	99
38) Bromodichloromethane	6.513	83	183855	45.558	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	214852	44.313	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	408600	97.011	ug/L	99
42) Toluene	7.391	91	605028	46.847	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	204093	44.667	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	145171	47.329	ug/L	99
46) Tetrachloroethene	7.979	164	117677	45.567	ug/L	99
48) 2-Hexanone	8.140	43	297349	91.140	ug/L	97
49) Dibromochloromethane	8.249	129	154241	45.544	ug/L	99
50) 1,2-Dibromoethane	8.355	107	156142	46.778	ug/L	99
51) Chlorobenzene	8.883	112	391940	46.480	ug/L	99
52) Ethylbenzene	9.014	91	642777	46.651	ug/L	99
53) m,p-Xylene	9.140	106	251686	47.133	ug/L	98
54) o-Xylene	9.545	106	248892	47.021	ug/L	99
55) Styrene	9.561	104	429646	48.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	222566	52.123	ug/L	98
59) Bromoform	9.735	173	108189	42.945	ug/L	98
60) Isopropylbenzene	9.934	105	648874	45.670	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	181585	46.366	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	545767	45.775	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	557141	45.958	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	313189	45.519	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	316568	46.094	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	320062	46.112	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	44298	46.522	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	229170	45.949	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	201620	48.201	ug/L	99
71) Naphthalene	13.503	128	634368	52.210	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	205869	48.992	ug/L	99

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

