

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019749.D
 Acq On : 19 Dec 2020 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Dec 21 03:42:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	758649	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	713989	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	346200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	231827	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.22%
7) Chloroethane-d5	1.57	69	193260	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.08%
11) 1,1-Dichloroethene-d2	2.11	63	450146	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
21) 2-Butanone-d5	3.89	46	344526	116.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.52%
24) Chloroform-d	4.35	84	454463	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
26) 1,2-Dichloroethane-d4	5.03	65	304963	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.05	84	878253	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
36) 1,2-Dichloropropane-d6	6.07	67	279922	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.86%
41) Toluene-d8	7.32	98	781533	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.62	79	140006	41.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.52%
47) 2-Hexanone-d5	8.09	63	234870	100.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	370119	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	11.63	152	292187	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	253687	41.436	ug/L	99
3) Chloromethane	1.24	50	289558	44.494	ug/L	99
5) Vinyl chloride	1.31	62	285292	43.705	ug/L	99
6) Bromomethane	1.52	94	171167	43.664	ug/L	99
8) Chloroethane	1.59	64	180790	45.917	ug/L	98
9) Trichlorofluoromethane	1.76	101	349723	43.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	197931	44.940	ug/L	98
12) 1,1-Dichloroethene	2.12	96	197663	43.735	ug/L #	67
13) Acetone	2.19	43	247563	98.278	ug/L	99
14) Carbon disulfide	2.30	76	572444	38.547	ug/L	99
15) Methyl Acetate	2.43	43	268258	48.879	ug/L	97
16) Methylene chloride	2.51	84	246035	46.430	ug/L	97
17) trans-1,2-Dichloroethene	2.76	96	215808	43.564	ug/L	98
18) Methyl tert-butyl Ether	2.77	73	762423	44.045	ug/L	99
19) 1,1-Dichloroethane	3.19	63	444981	46.333	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	243723	44.755	ug/L #	97
22) 2-Butanone	3.97	43	372304	100.758	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019749.D
 Acq On : 19 Dec 2020 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05098

Quant Time: Dec 21 03:42:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	120548	44.990	ug/L	94
25) Chloroform	4.38	83	448933	46.804	ug/L	100
27) 1,2-Dichloroethane	5.13	62	365541	46.001	ug/L	99
29) Cyclohexane	4.68	56	368023	42.056	ug/L	98
30) 1,1,1-Trichloroethane	4.61	97	377082	42.120	ug/L	98
31) Carbon tetrachloride	4.83	117	308938	40.878	ug/L	99
33) Benzene	5.10	78	943381	45.210	ug/L	100
34) Trichloroethene	5.92	95	240493	43.629	ug/L	98
35) Methylcyclohexane	6.13	83	359302	42.906	ug/L	97
37) 1,2-Dichloropropane	6.17	63	254592	46.720	ug/L	100
38) Bromodichloromethane	6.51	83	333114	43.715	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	398053	43.981	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	745194	94.786	ug/L	98
42) Toluene	7.39	91	968242	44.025	ug/L	99
44) trans-1,3-Dichloropropene	7.65	75	385217	42.035	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	234172	45.252	ug/L	99
46) Tetrachloroethene	7.98	164	159317	41.769	ug/L	97
48) 2-Hexanone	8.14	43	565855	94.856	ug/L	97
49) Dibromochloromethane	8.25	129	238834	42.144	ug/L	100
50) 1,2-Dibromoethane	8.35	107	245307	45.015	ug/L	98
51) Chlorobenzene	8.88	112	617094	43.932	ug/L	100
52) Ethylbenzene	9.02	91	1094086	43.663	ug/L	99
53) m,p-Xylene	9.14	106	403980	43.154	ug/L	98
54) o-xylene	9.55	106	392584	42.785	ug/L	99
55) Styrene	9.56	104	696612	43.560	ug/L	100
56) Isopropylbenzene	9.94	105	1057291	43.252	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	380196	45.686	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	316428	46.684	ug/L	99
61) Bromoform	9.73	173	151813	39.631	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	467313	43.996	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	476475	44.299	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	476854	45.433	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	88994	40.620	ug/L	95
67) 1,3,5-Trichlorobenzene	12.65	180	341027	45.442	ug/L	100
68) 1,2,4-trichlorobenzene	13.27	180	313693	44.706	ug/L	99
69) Naphthalene	13.51	128	1037217	42.571	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	305210	44.510	ug/L	100

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

