

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120420\
 Data File : VV019483.D
 Acq On : 04 Dec 2020 17:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Dec 05 02:42:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307683	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145218	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.52%
7) Chloroethane-d5	1.57	69	125057	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.12	63	280371	51.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.52%
21) 2-Butanone-d5	3.90	46	182188	97.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.27%
24) Chloroform-d	4.37	84	274582	55.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.54%
26) 1,2-Dichloroethane-d4	5.05	65	186392	57.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.64%
32) Benzene-d6	5.07	84	521005	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.34%
36) 1,2-Dichloropropane-d6	6.09	67	175536	58.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.80%
41) Toluene-d8	7.33	98	463857	57.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.62%
43) trans-1,3-Dichloropropene-	7.64	79	83152	57.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.52%
47) 2-Hexanone-d5	8.10	63	112552	95.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.85%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	215142	55.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.54%
64) 1,2-Dichlorobenzene-d4	11.64	152	161751	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	100109	40.254	ug/L 99
3) Chloromethane	1.25	50	134716	40.280	ug/L 100
5) Vinyl chloride	1.32	62	136953	42.856	ug/L 99
6) Bromomethane	1.53	94	117846	56.566	ug/L 99
8) Chloroethane	1.59	64	89821	44.164	ug/L 100
9) Trichlorofluoromethane	1.76	101	182592	45.508	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101939	47.245	ug/L 94
12) 1,1-Dichloroethene	2.13	96	98345	43.780	ug/L 85
13) Acetone	2.18	43	146556	102.336	ug/L 94
14) Carbon disulfide	2.31	76	309583	47.481	ug/L 100
15) Methyl Acetate	2.44	43	158250	54.576	ug/L 95
16) Methylene chloride	2.52	84	130557	50.177	ug/L 90
17) trans-1,2-Dichloroethene	2.78	96	112194	50.498	ug/L 91
18) Methyl tert-butyl Ether	2.78	73	380289	53.828	ug/L 96
19) 1,1-Dichloroethane	3.21	63	252166	55.332	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	123889	50.742	ug/L 94
22) 2-Butanone	3.98	43	222362	117.077	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	62505	48.339	ug/L	89
25) Chloroform	4.40	83	245432	53.275	ug/L	98
27) 1,2-Dichloroethane	5.15	62	203224	56.222	ug/L	95
29) Cyclohexane	4.70	56	196496	61.959	ug/L	94
30) 1,1,1-Trichloroethane	4.63	97	205080	56.040	ug/L	98
31) Carbon tetrachloride	4.85	117	168813	53.734	ug/L	99
33) Benzene	5.12	78	512966	56.578	ug/L	100
34) Trichloroethene	5.94	95	133792	52.916	ug/L	95
35) Methylcyclohexane	6.15	83	174136	58.529	ug/L	96
37) 1,2-Dichloropropane	6.20	63	147399	58.942	ug/L	97
38) Bromodichloromethane	6.53	83	183166	55.245	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	211395	57.228	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	438349	124.309	ug/L	96
42) Toluene	7.41	91	526651	55.996	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	210153	57.115	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	126304	53.936	ug/L	99
46) Tetrachloroethene	7.99	164	86188	49.082	ug/L	93
48) 2-Hexanone	8.15	43	342296	122.560	ug/L	95
49) Dibromochloromethane	8.26	129	130047	50.248	ug/L	100
50) 1,2-Dibromoethane	8.37	107	128145	51.563	ug/L	100
51) Chlorobenzene	8.90	112	312259	50.326	ug/L	99
52) Ethylbenzene	9.03	91	565313	56.009	ug/L	98
53) m,p-Xylene	9.16	106	200023	53.561	ug/L	100
54) o-xylene	9.56	106	193526	53.222	ug/L	96
55) Styrene	9.58	104	360921	55.447	ug/L	98
56) Isopropylbenzene	9.95	105	527425	55.363	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	194219	54.261	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	174734	53.192	ug/L	99
61) Bromoform	9.75	173	89872	47.796	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	240630	50.290	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	245354	48.786	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	246064	50.090	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	45760	53.832	ug/L	88
67) 1,3,5-Trichlorobenzene	12.67	180	172057	49.398	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	151875	49.250	ug/L	99
69) Naphthalene	13.52	128	393089	50.129	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	160717	49.861	ug/L	99

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

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