

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018907.D
 Acq On : 14 Oct 2020 20:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Oct 15 02:09:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301150	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298645	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158883	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128755	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.58	69	101249	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.10%
11) 1,1-Dichloroethene-d2	2.12	63	242503	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.64%
21) 2-Butanone-d5	3.91	46	166549	96.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.39%
24) Chloroform-d	4.38	84	234712	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.06	65	156324	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
32) Benzene-d6	5.07	84	458199	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
36) 1,2-Dichloropropane-d6	6.09	67	145178	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.34	98	425317	54.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.76%
43) trans-1,3-Dichloropropene-	7.64	79	71664	52.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.20%
47) 2-Hexanone-d5	8.11	63	105110	101.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172379	52.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	169713	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	136379	52.299	ug/L 99
3) Chloromethane	1.25	50	145844	49.592	ug/L 98
5) Vinyl chloride	1.32	62	142787	50.234	ug/L 98
6) Bromomethane	1.53	94	83705	48.266	ug/L 99
8) Chloroethane	1.60	64	86858	50.949	ug/L 100
9) Trichlorofluoromethane	1.77	101	192665	51.353	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103948	53.208	ug/L 100
12) 1,1-Dichloroethene	2.13	96	99600	50.308	ug/L 92
13) Acetone	2.19	43	107718	85.314	ug/L 99
14) Carbon disulfide	2.31	76	335892	49.798	ug/L 100
15) Methyl Acetate	2.45	43	122330	47.164	ug/L 100
16) Methylene chloride	2.52	84	118055	49.705	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	109044	49.617	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	341318	49.155	ug/L 100
19) 1,1-Dichloroethane	3.21	63	215286	50.353	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	115327	49.512	ug/L 98
22) 2-Butanone	3.99	43	158734	92.463	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	60313	50.137	ug/L	98
25) Chloroform	4.40	83	213822	49.733	ug/L	99
27) 1,2-Dichloroethane	5.15	62	173049	49.271	ug/L	99
29) Cyclohexane	4.70	56	194852	54.902	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	185772	50.131	ug/L	99
31) Carbon tetrachloride	4.86	117	160293	50.823	ug/L	100
33) Benzene	5.13	78	466266	50.932	ug/L	100
34) Trichloroethene	5.94	95	126854	48.051	ug/L	98
35) Methylcyclohexane	6.16	83	168003	52.544	ug/L	100
37) 1,2-Dichloropropane	6.20	63	122247	49.882	ug/L	99
38) Bromodichloromethane	6.53	83	157181	50.025	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	189512	51.463	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	326476	96.600	ug/L	99
42) Toluene	7.41	91	498080	52.677	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	183878	51.527	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	111220	48.789	ug/L	99
46) Tetrachloroethene	8.00	164	93258	50.124	ug/L	99
48) 2-Hexanone	8.16	43	258181	96.348	ug/L	98
49) Dibromochloromethane	8.27	129	121524	50.354	ug/L	97
50) 1,2-Dibromoethane	8.37	107	116447	49.015	ug/L	99
51) Chlorobenzene	8.90	112	308009	49.965	ug/L	99
52) Ethylbenzene	9.03	91	536949	52.459	ug/L	100
53) m,p-Xylene	9.16	106	199760	52.385	ug/L	98
54) o-xylene	9.56	106	193689	53.091	ug/L	100
55) Styrene	9.58	104	344336	53.660	ug/L	99
56) Isopropylbenzene	9.95	105	515162	53.788	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	152823	49.372	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	142109	47.905	ug/L	99
61) Bromoform	9.75	173	83442	48.076	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	249877	50.731	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	253738	48.999	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	247516	49.808	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33596	45.366	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	166966	50.463	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	152458	50.006	ug/L	100
69) Naphthalene	13.52	128	430010	49.699	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	157423	51.656	ug/L	99

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

