

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019255.D
 Acq On : 04 Nov 2020 18:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Nov 05 02:29:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230253	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	221882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126419	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91309	49.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	75020	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.56%
11) 1,1-Dichloroethene-d2	2.12	63	181753	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.42%
21) 2-Butanone-d5	3.91	46	123298	110.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	4.38	84	176048	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.44%
26) 1,2-Dichloroethane-d4	5.05	65	121804	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.07	84	326057	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.09	67	100418	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.02%
41) Toluene-d8	7.34	98	307641	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	7.64	79	55978	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
47) 2-Hexanone-d5	8.11	63	88639	109.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.06%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	134711	53.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	131827	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	98313	48.627	ug/L 99
3) Chloromethane	1.25	50	90392	49.233	ug/L 99
5) Vinyl chloride	1.32	62	96102	51.127	ug/L 100
6) Bromomethane	1.53	94	63839	50.702	ug/L 99
8) Chloroethane	1.60	64	61488	52.610	ug/L 97
9) Trichlorofluoromethane	1.76	101	155872	49.754	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	77748	51.568	ug/L 98
12) 1,1-Dichloroethene	2.13	96	75712	51.276	ug/L 94
13) Acetone	2.19	43	96630	92.808	ug/L 100
14) Carbon disulfide	2.31	76	220375	46.955	ug/L 99
15) Methyl Acetate	2.44	43	89441	53.305	ug/L 97
16) Methylene chloride	2.52	84	86467	51.571	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	79206	49.944	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	266418	50.169	ug/L 99
19) 1,1-Dichloroethane	3.21	63	150982	51.100	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	85463	49.102	ug/L 100
22) 2-Butanone	3.99	43	121545	107.176	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	46898	50.213	ug/L	97
25) Chloroform	4.40	83	160158	50.161	ug/L	98
27) 1,2-Dichloroethane	5.15	62	136646	50.270	ug/L	99
29) Cyclohexane	4.70	56	122092	49.289	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	148816	49.494	ug/L	99
31) Carbon tetrachloride	4.86	117	131168	49.196	ug/L	100
33) Benzene	5.13	78	327461	51.187	ug/L	100
34) Trichloroethene	5.94	95	88667	50.593	ug/L	98
35) Methylcyclohexane	6.15	83	118899	50.255	ug/L	99
37) 1,2-Dichloropropane	6.20	63	83418	52.506	ug/L	99
38) Bromodichloromethane	6.53	83	118779	50.258	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	134761	51.354	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	237383	108.311	ug/L	99
42) Toluene	7.41	91	355102	50.634	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	139525	51.111	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	81214	50.970	ug/L	98
46) Tetrachloroethene	8.00	164	71925	48.062	ug/L	99
48) 2-Hexanone	8.16	43	184622	105.981	ug/L	98
49) Dibromochloromethane	8.27	129	97427	50.500	ug/L	96
50) 1,2-Dibromoethane	8.37	107	85450	50.265	ug/L	99
51) Chlorobenzene	8.90	112	227456	49.469	ug/L	98
52) Ethylbenzene	9.03	91	385948	49.943	ug/L	99
53) m,p-Xylene	9.16	106	145333	49.792	ug/L	99
54) o-xylene	9.56	106	140771	50.233	ug/L	100
55) Styrene	9.58	104	256460	51.634	ug/L	99
56) Isopropylbenzene	9.95	105	378537	50.263	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	123946	51.086	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	106651	51.351	ug/L	99
61) Bromoform	9.75	173	73468	47.112	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	193420	48.506	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	198566	47.915	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	195751	49.554	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	31470	46.560	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	139629	47.567	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	130402	47.415	ug/L	99
69) Naphthalene	13.52	128	387579	50.314	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	134913	50.128	ug/L	99

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

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