

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019151.D
 Acq On : 29 Oct 2020 16:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Quant Time: Oct 30 04:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 16:00:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	237427	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	89806	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	70663	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.42%
11) 1,1-Dichloroethene-d2	2.12	63	173142	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
21) 2-Butanone-d5	3.91	46	119887	103.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	4.37	84	175442	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
26) 1,2-Dichloroethane-d4	5.05	65	120875	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.07	84	323090	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.09	67	96163	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.60%
41) Toluene-d8	7.34	98	309376	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%
43) trans-1,3-Dichloropropene-	7.64	79	56411	49.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.96%
47) 2-Hexanone-d5	8.11	63	87817	103.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.95%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	130414	49.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	127481	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97275	46.660	ug/L 98
3) Chloromethane	1.25	50	87548	46.244	ug/L 99
5) Vinyl chloride	1.32	62	91783	47.354	ug/L 99
6) Bromomethane	1.53	94	61904	47.680	ug/L 98
8) Chloroethane	1.60	64	57997	48.124	ug/L 100
9) Trichlorofluoromethane	1.76	101	152775	47.292	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	72505	46.637	ug/L 99
12) 1,1-Dichloroethene	2.13	96	72824	47.830	ug/L 88
13) Acetone	2.19	43	95741	89.176	ug/L 97
14) Carbon disulfide	2.31	76	230759	47.682	ug/L 100
15) Methyl Acetate	2.45	43	85222	49.256	ug/L 100
16) Methylene chloride	2.52	84	83169	48.105	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	78973	48.292	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	267997	48.942	ug/L 99
19) 1,1-Dichloroethane	3.21	63	146729	48.160	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	85390	47.578	ug/L 99
22) 2-Butanone	3.99	43	120154	102.748	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	46603	48.389	ug/L	98
25) Chloroform	4.40	83	157832	47.939	ug/L	99
27) 1,2-Dichloroethane	5.15	62	133479	47.621	ug/L	99
29) Cyclohexane	4.70	56	123476	47.958	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	147982	47.350	ug/L	100
31) Carbon tetrachloride	4.85	117	131777	47.550	ug/L	100
33) Benzene	5.12	78	316671	47.623	ug/L	100
34) Trichloroethene	5.94	95	86013	47.218	ug/L	99
35) Methylcyclohexane	6.15	83	118266	48.092	ug/L	100
37) 1,2-Dichloropropane	6.20	63	79286	48.013	ug/L	99
38) Bromodichloromethane	6.53	83	117375	47.781	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	134895	49.455	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	227421	99.831	ug/L	99
42) Toluene	7.41	91	350731	48.114	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	138971	48.978	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	80159	48.400	ug/L	99
46) Tetrachloroethene	8.00	164	72716	46.748	ug/L	99
48) 2-Hexanone	8.16	43	178993	98.854	ug/L	98
49) Dibromochloromethane	8.27	129	97353	48.549	ug/L	100
50) 1,2-Dibromoethane	8.37	107	85466	48.368	ug/L	99
51) Chlorobenzene	8.90	112	227215	47.542	ug/L	99
52) Ethylbenzene	9.03	91	387958	48.299	ug/L	100
53) m,p-Xylene	9.16	106	146700	48.354	ug/L	98
54) o-xylene	9.56	106	141892	48.713	ug/L	100
55) Styrene	9.58	104	251839	48.781	ug/L	100
56) Isopropylbenzene	9.95	105	380636	48.625	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	122909	48.737	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	103101	47.759	ug/L	100
61) Bromoform	9.75	173	75363	47.983	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	191711	47.735	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	198209	47.489	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	188016	47.258	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31954	46.940	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	139143	47.065	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	134818	48.672	ug/L	99
69) Naphthalene	13.52	128	405834	52.309	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	134665	49.680	ug/L	99

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

