

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018228.D
 Acq On : 16 Sep 2020 11:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Sep 17 04:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 05:45:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	301288	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293679	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164935	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86451	35.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.42%
7) Chloroethane-d5	1.58	69	81328	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.96%
11) 1,1-Dichloroethene-d2	2.12	63	188794	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.84%
21) 2-Butanone-d5	3.90	46	154064	102.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.51%
24) Chloroform-d	4.37	84	201647	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.05	65	126541	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.07	84	378253	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
36) 1,2-Dichloropropane-d6	6.09	67	124158	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.96%
41) Toluene-d8	7.33	98	342928	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%
43) trans-1,3-Dichloropropene-	7.64	79	63895	47.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.14%
47) 2-Hexanone-d5	8.10	63	118873	117.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.48%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	179510	53.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	154188	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	106558	48.503	ug/L	99
3) Chloromethane	1.25	50	116530	48.575	ug/L	100
5) Vinyl chloride	1.32	62	119386	48.530	ug/L	100
6) Bromomethane	1.53	94	72816	48.428	ug/L	100
8) Chloroethane	1.59	64	73650	47.793	ug/L	99
9) Trichlorofluoromethane	1.76	101	169352	50.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	102766	50.547	ug/L	99
12) 1,1-Dichloroethene	2.13	96	97421	49.246	ug/L	94
13) Acetone	2.18	43	109824	91.258	ug/L	97
14) Carbon disulfide	2.31	76	292130	48.260	ug/L	100
15) Methyl Acetate	2.44	43	103766	47.979	ug/L	99
16) Methylene chloride	2.52	84	107325	48.375	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	99434	48.772	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	305507	48.443	ug/L	100
19) 1,1-Dichloroethane	3.21	63	184637	47.900	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	106950	49.074	ug/L	97
22) 2-Butanone	3.98	43	144234	101.213	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56089	49.190	ug/L	98
25) Chloroform	4.40	83	187002	47.726	ug/L	99
27) 1,2-Dichloroethane	5.15	62	146909	48.432	ug/L	99
29) Cyclohexane	4.70	56	173148	51.058	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	167683	49.199	ug/L	99
31) Carbon tetrachloride	4.85	117	147348	49.167	ug/L	98
33) Benzene	5.12	78	414097	49.317	ug/L	100
34) Trichloroethene	5.94	95	107860	47.155	ug/L	99
35) Methylcyclohexane	6.15	83	177877	51.649	ug/L	99
37) 1,2-Dichloropropane	6.20	63	109829	49.361	ug/L	100
38) Bromodichloromethane	6.53	83	141623	48.912	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	171344	49.980	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	274275	101.610	ug/L	100
42) Toluene	7.41	91	445817	50.171	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	167980	50.325	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	101357	49.147	ug/L	98
46) Tetrachloroethene	7.99	164	89799	50.071	ug/L	99
48) 2-Hexanone	8.16	43	224938	105.700	ug/L	98
49) Dibromochloromethane	8.27	129	115439	49.868	ug/L	100
50) 1,2-Dibromoethane	8.37	107	107909	49.717	ug/L	100
51) Chlorobenzene	8.90	112	286124	49.581	ug/L	99
52) Ethylbenzene	9.03	91	495502	51.076	ug/L	99
53) m,p-Xylene	9.16	106	188453	52.044	ug/L	97
54) o-xylene	9.56	106	179963	51.588	ug/L	100
55) Styrene	9.58	104	321894	53.088	ug/L	99
56) Isopropylbenzene	9.95	105	487562	51.859	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	163635	53.640	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	130263	49.776	ug/L	100
61) Bromoform	9.75	173	86742	48.955	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	242901	49.526	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	248477	49.290	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	239414	48.295	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	36223	51.781	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	193268	49.986	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	179221	52.053	ug/L	99
69) Naphthalene	13.52	128	498955	57.272	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	178865	52.744	ug/L	99

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

