

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111720\
 Data File : VV019386.D
 Acq On : 17 Nov 2020 13:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Nov 18 05:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 17:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	239910	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	245856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148924	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71135	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.66%
7) Chloroethane-d5	1.58	69	61488	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.68%
11) 1,1-Dichloroethene-d2	2.13	63	156466	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.10%
21) 2-Butanone-d5	3.91	46	83696	89.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.75%
24) Chloroform-d	4.38	84	150772	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
26) 1,2-Dichloroethane-d4	5.06	65	101361	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
32) Benzene-d6	5.07	84	259821	40.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.96%
36) 1,2-Dichloropropane-d6	6.09	67	75234	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.50%
41) Toluene-d8	7.33	98	254154	41.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.02%
43) trans-1,3-Dichloropropene-	7.64	79	46706	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.11	63	60581	91.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	108229	45.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	123696	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	101288	50.349	ug/L 98
3) Chloromethane	1.25	50	92194	51.289	ug/L 99
5) Vinyl chloride	1.32	62	96234	49.664	ug/L 98
6) Bromomethane	1.53	94	67468	48.696	ug/L 99
8) Chloroethane	1.60	64	59853	48.983	ug/L 98
9) Trichlorofluoromethane	1.77	101	171422	49.316	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	81146	51.220	ug/L 99
12) 1,1-Dichloroethene	2.14	96	78028	48.255	ug/L 96
13) Acetone	2.19	43	74054	93.232	ug/L 96
14) Carbon disulfide	2.31	76	206583	46.204	ug/L 100
15) Methyl Acetate	2.45	43	65300	48.696	ug/L 98
16) Methylene chloride	2.52	84	77547	47.759	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	75135	48.306	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	241817	48.391	ug/L 99
19) 1,1-Dichloroethane	3.21	63	131231	48.660	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	79798	48.464	ug/L 97
22) 2-Butanone	3.99	43	87507	96.073	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	47422	49.940	ug/L	95
25) Chloroform	4.40	83	153298	48.871	ug/L	100
27) 1,2-Dichloroethane	5.15	62	126579	47.634	ug/L	99
29) Cyclohexane	4.70	56	102222	48.106	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	149002	46.137	ug/L	100
31) Carbon tetrachloride	4.85	117	136807	47.039	ug/L	100
33) Benzene	5.12	78	293463	47.318	ug/L	100
34) Trichloroethene	5.94	95	86046	46.002	ug/L	98
35) Methylcyclohexane	6.15	83	110455	47.782	ug/L	99
37) 1,2-Dichloropropane	6.20	63	69553	46.143	ug/L	100
38) Bromodichloromethane	6.53	83	116063	47.369	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	127441	49.314	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	178291	93.741	ug/L	99
42) Toluene	7.41	91	338969	48.587	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	132676	48.200	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	79429	48.580	ug/L	96
46) Tetrachloroethene	7.99	164	77599	47.097	ug/L	99
48) 2-Hexanone	8.16	43	137811	92.454	ug/L	98
49) Dibromochloromethane	8.27	129	101478	48.362	ug/L	97
50) 1,2-Dibromoethane	8.37	107	85882	48.011	ug/L	94
51) Chlorobenzene	8.90	112	229886	47.915	ug/L	98
52) Ethylbenzene	9.03	91	379045	48.581	ug/L	99
53) m,p-Xylene	9.16	106	146285	48.418	ug/L	99
54) o-xylene	9.56	106	144273	49.380	ug/L	99
55) Styrene	9.58	104	260148	50.348	ug/L	98
56) Isopropylbenzene	9.95	105	385040	49.081	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	107635	48.177	ug/L	96
59) 1,2,3-Trichloropropane	10.29	75	97184	47.210	ug/L	98
61) Bromoform	9.75	173	80306	47.364	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	205268	49.058	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	210304	48.047	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	203148	47.985	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	28731	46.985	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	154827	48.269	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	141340	48.981	ug/L	100
69) Naphthalene	13.52	128	315912	46.358	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	142088	48.936	ug/L	99

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

