

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019124.D
 Acq On : 26 Oct 2020 17:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Oct 27 07:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280337	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86192	33.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.68%
7) Chloroethane-d5	1.58	69	73459	35.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.68%
11) 1,1-Dichloroethene-d2	2.12	63	185496	38.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.78%
21) 2-Butanone-d5	3.91	46	162432	94.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.84%
24) Chloroform-d	4.38	84	196870	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	135898	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
32) Benzene-d6	5.07	84	355672	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.09	67	117874	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.30%
41) Toluene-d8	7.34	98	328912	42.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.22%
43) trans-1,3-Dichloropropene-	7.64	79	62225	43.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.84%
47) 2-Hexanone-d5	8.11	63	117499	96.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167392	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	141479	43.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	100440	45.997	ug/L 99
3) Chloromethane	1.25	50	112927	41.584	ug/L 100
5) Vinyl chloride	1.32	62	113562	42.449	ug/L 99
6) Bromomethane	1.53	94	69847	45.630	ug/L 100
8) Chloroethane	1.60	64	70562	42.059	ug/L 99
9) Trichlorofluoromethane	1.76	101	166969	47.449	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83871	44.817	ug/L 96
12) 1,1-Dichloroethene	2.13	96	83275	44.475	ug/L 85
13) Acetone	2.19	43	119793	103.193	ug/L 98
14) Carbon disulfide	2.31	76	263542	42.691	ug/L 99
15) Methyl Acetate	2.45	43	110840	45.436	ug/L 98
16) Methylene chloride	2.52	84	100339	45.977	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	91942	46.467	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	313586	48.873	ug/L 99
19) 1,1-Dichloroethane	3.21	63	185312	46.387	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	100621	47.557	ug/L 97
22) 2-Butanone	3.99	43	156043	98.055	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52350	48.605	ug/L	93
25) Chloroform	4.40	83	190797	48.482	ug/L	99
27) 1,2-Dichloroethane	5.15	62	163576	50.084	ug/L	99
29) Cyclohexane	4.70	56	151729	44.916	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	168712	48.013	ug/L	98
31) Carbon tetrachloride	4.86	117	147099	48.021	ug/L	100
33) Benzene	5.13	78	397080	45.960	ug/L	100
34) Trichloroethene	5.94	95	100113	45.856	ug/L	95
35) Methylcyclohexane	6.15	83	139193	46.598	ug/L	97
37) 1,2-Dichloropropane	6.20	63	105407	44.316	ug/L	100
38) Bromodichloromethane	6.53	83	143339	47.628	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	169598	48.248	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	311612	97.109	ug/L	98
42) Toluene	7.41	91	423108	47.711	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	170268	48.825	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	99413	47.323	ug/L	99
46) Tetrachloroethene	8.00	164	81742	48.790	ug/L	98
48) 2-Hexanone	8.16	43	245844	99.285	ug/L	98
49) Dibromochloromethane	8.27	129	113852	49.583	ug/L	98
50) 1,2-Dibromoethane	8.37	107	103899	47.660	ug/L	100
51) Chlorobenzene	8.90	112	270961	47.640	ug/L	98
52) Ethylbenzene	9.03	91	465252	48.516	ug/L	100
53) m,p-Xylene	9.16	106	172268	49.072	ug/L	99
54) o-xylene	9.56	106	166350	49.215	ug/L	98
55) Styrene	9.58	104	306635	51.142	ug/L	100
56) Isopropylbenzene	9.95	105	447074	50.303	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	160208	46.348	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	132006	47.464	ug/L	100
61) Bromoform	9.75	173	85551	49.422	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	221052	47.923	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	226859	47.067	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	222849	47.916	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	39832	48.477	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	154478	49.045	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	145809	49.092	ug/L	100
69) Naphthalene	13.52	128	472536	51.636	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	148793	49.444	ug/L	99

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

