

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018307.D
 Acq On : 18 Sep 2020 02:16
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Sep 18 08:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300390	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87014	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.08%
7) Chloroethane-d5	1.58	69	74516	37.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.13	63	178130	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.34%
21) 2-Butanone-d5	3.92	46	129266	86.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.27%
24) Chloroform-d	4.38	84	178072	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.06	65	113736	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.54%
32) Benzene-d6	5.08	84	343985	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
36) 1,2-Dichloropropane-d6	6.09	67	110712	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.82%
41) Toluene-d8	7.34	98	321484	41.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.84%
43) trans-1,3-Dichloropropene-	7.64	79	54729	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.56%
47) 2-Hexanone-d5	8.11	63	94291	93.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153599	45.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	137468	41.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	99332	45.349	ug/L	99
3) Chloromethane	1.25	50	112989	47.240	ug/L	98
5) Vinyl chloride	1.32	62	115434	47.064	ug/L	100
6) Bromomethane	1.53	94	71517	47.706	ug/L	99
8) Chloroethane	1.60	64	72690	47.311	ug/L	98
9) Trichlorofluoromethane	1.77	101	160916	47.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	94855	46.795	ug/L	100
12) 1,1-Dichloroethene	2.13	96	93359	47.334	ug/L	100
13) Acetone	2.20	43	92399	77.009	ug/L	98
14) Carbon disulfide	2.31	76	270584	44.834	ug/L	99
15) Methyl Acetate	2.45	43	103777	48.128	ug/L	100
16) Methylene chloride	2.52	84	104738	47.350	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	95592	47.028	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	297328	47.287	ug/L	99
19) 1,1-Dichloroethane	3.21	63	183874	47.844	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	101942	46.916	ug/L	100
22) 2-Butanone	4.00	43	135332	95.250	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	55451	48.775	ug/L	98
25) Chloroform	4.40	83	187490	47.993	ug/L	100
27) 1,2-Dichloroethane	5.16	62	145599	48.143	ug/L	100
29) Cyclohexane	4.71	56	163693	48.224	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	164204	48.133	ug/L	99
31) Carbon tetrachloride	4.86	117	141988	47.334	ug/L	98
33) Benzene	5.13	78	408625	48.620	ug/L	100
34) Trichloroethene	5.94	95	104801	45.775	ug/L	98
35) Methylcyclohexane	6.15	83	162321	47.088	ug/L	100
37) 1,2-Dichloropropane	6.20	63	107403	48.225	ug/L	99
38) Bromodichloromethane	6.53	83	137122	47.312	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	157916	46.020	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	274335	101.536	ug/L	99
42) Toluene	7.41	91	436978	49.130	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	155170	46.443	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	101190	49.020	ug/L	100
46) Tetrachloroethene	8.00	164	84394	47.013	ug/L	99
48) 2-Hexanone	8.16	43	211245	99.172	ug/L	100
49) Dibromochloromethane	8.27	129	111554	48.144	ug/L	100
50) 1,2-Dibromoethane	8.37	107	105923	48.756	ug/L	99
51) Chlorobenzene	8.90	112	281769	48.781	ug/L	100
52) Ethylbenzene	9.03	91	483626	49.805	ug/L	99
53) m,p-Xylene	9.16	106	181187	49.990	ug/L	97
54) o-xylene	9.56	106	175020	50.124	ug/L	99
55) Styrene	9.58	104	312324	51.462	ug/L	97
56) Isopropylbenzene	9.95	105	472479	50.207	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	158713	51.977	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	129724	49.523	ug/L	100
61) Bromoform	9.75	173	83233	47.882	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	231893	48.195	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	236162	47.752	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	230583	47.412	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34634	50.465	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	174000	45.871	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	161501	47.812	ug/L	99
69) Naphthalene	13.52	128	474852	55.557	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	166241	49.968	ug/L	99

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

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