

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018169.D
 Acq On : 09 Sep 2020 16:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Quant Time: Sep 10 03:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 03:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306834	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118900	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.10%
7) Chloroethane-d5	1.58	69	100136	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.88%
11) 1,1-Dichloroethene-d2	2.12	63	225382	49.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.28%
21) 2-Butanone-d5	3.91	46	153853	100.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	4.37	84	217691	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.05	65	140410	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.07	84	429073	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.09	67	137076	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.33	98	398843	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.64	79	70388	50.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.40%
47) 2-Hexanone-d5	8.11	63	109301	105.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.62%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	175588	51.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	170350	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116515	52.076	ug/L 98
3) Chloromethane	1.25	50	126439	51.753	ug/L 98
5) Vinyl chloride	1.32	62	129388	51.646	ug/L 100
6) Bromomethane	1.53	94	79997	52.242	ug/L 100
8) Chloroethane	1.60	64	82339	52.465	ug/L 100
9) Trichlorofluoromethane	1.77	101	179626	52.111	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110871	53.547	ug/L 99
12) 1,1-Dichloroethene	2.13	96	105741	52.486	ug/L 94
13) Acetone	2.19	43	160468	130.931	ug/L 98
14) Carbon disulfide	2.31	76	317030	51.426	ug/L 100
15) Methyl Acetate	2.45	43	111719	50.723	ug/L 99
16) Methylene chloride	2.52	84	119760	53.004	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	106612	51.348	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	342552	53.335	ug/L 99
19) 1,1-Dichloroethane	3.21	63	204999	52.221	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	118407	53.349	ug/L 99
22) 2-Butanone	3.99	43	178146	122.751	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	61503	52.963	ug/L	97
25) Chloroform	4.40	83	211042	52.888	ug/L	99
27) 1,2-Dichloroethane	5.15	62	162793	52.698	ug/L	99
29) Cyclohexane	4.70	56	187051	53.934	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	181461	52.061	ug/L	100
31) Carbon tetrachloride	4.85	117	157819	51.493	ug/L	98
33) Benzene	5.12	78	458030	53.339	ug/L	100
34) Trichloroethene	5.94	95	121595	51.981	ug/L	99
35) Methylcyclohexane	6.15	83	189926	53.925	ug/L	99
37) 1,2-Dichloropropane	6.20	63	121038	53.192	ug/L	100
38) Bromodichloromethane	6.53	83	153953	51.991	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	186291	53.135	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	296847	107.533	ug/L	100
42) Toluene	7.41	91	488046	53.705	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	186910	54.754	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	111733	52.977	ug/L	99
46) Tetrachloroethene	7.99	164	98337	53.615	ug/L	99
48) 2-Hexanone	8.15	43	247975	113.941	ug/L	99
49) Dibromochloromethane	8.26	129	126523	53.444	ug/L	99
50) 1,2-Dibromoethane	8.37	107	118836	53.537	ug/L	100
51) Chlorobenzene	8.90	112	315513	53.461	ug/L	100
52) Ethylbenzene	9.03	91	542070	54.637	ug/L	99
53) m,p-Xylene	9.16	106	206949	55.884	ug/L	96
54) o-xylene	9.56	106	196801	55.164	ug/L	100
55) Styrene	9.58	104	351503	56.686	ug/L	98
56) Isopropylbenzene	9.95	105	534056	55.544	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166567	53.390	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	141239	52.773	ug/L	100
61) Bromoform	9.75	173	92050	51.302	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	263808	53.118	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	269626	52.818	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	262031	52.198	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	35767	50.491	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	211066	53.908	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	191921	55.046	ug/L	99
69) Naphthalene	13.52	128	495954	56.217	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	186296	54.250	ug/L	100

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

