

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090420\
 Data File : VV018154.D
 Acq On : 04 Sep 2020 12:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Sep 04 23:48:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 02 13:31:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278102	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76648	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.24%
7) Chloroethane-d5	1.58	69	73407	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.58%
11) 1,1-Dichloroethene-d2	2.12	63	170639	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
21) 2-Butanone-d5	3.91	46	144093	103.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	4.37	84	182895	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
26) 1,2-Dichloroethane-d4	5.05	65	117186	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
32) Benzene-d6	5.07	84	346118	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.09	67	114309	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.08%
41) Toluene-d8	7.33	98	312427	46.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.48%
43) trans-1,3-Dichloropropene-	7.64	79	57893	51.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.94%
47) 2-Hexanone-d5	8.11	63	84685	107.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.44%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	164561	51.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	147146	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	88160	41.061	ug/L 99
3) Chloromethane	1.25	50	99148	39.753	ug/L 99
5) Vinyl chloride	1.32	62	106736	43.194	ug/L 100
6) Bromomethane	1.53	94	66565	45.071	ug/L 98
8) Chloroethane	1.60	64	70292	44.567	ug/L 100
9) Trichlorofluoromethane	1.77	101	161160	45.656	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97157	49.295	ug/L 97
12) 1,1-Dichloroethene	2.13	96	86792	46.525	ug/L 93
13) Acetone	2.19	43	160241	111.631	ug/L 98
14) Carbon disulfide	2.31	76	208589	40.626	ug/L 100
15) Methyl Acetate	2.45	43	104752	45.220	ug/L 99
16) Methylene chloride	2.52	84	102487	43.123	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	89524	46.685	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	314092	49.526	ug/L 99
19) 1,1-Dichloroethane	3.21	63	186019	48.243	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	104785	49.725	ug/L 96
22) 2-Butanone	3.99	43	175754	109.141	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	55098	50.050	ug/L	94
25) Chloroform	4.40	83	194421	49.435	ug/L	97
27) 1,2-Dichloroethane	5.15	62	147778	47.208	ug/L	97
29) Cyclohexane	4.70	56	145458	44.208	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	162647	48.685	ug/L	98
31) Carbon tetrachloride	4.85	117	139115	50.021	ug/L	100
33) Benzene	5.12	78	395601	46.903	ug/L	100
34) Trichloroethene	5.94	95	106469	47.755	ug/L	99
35) Methylcyclohexane	6.15	83	150302	45.338	ug/L	99
37) 1,2-Dichloropropane	6.19	63	109432	47.576	ug/L	100
38) Bromodichloromethane	6.53	83	144627	50.621	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	170962	52.430	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	284750	94.699	ug/L	99
42) Toluene	7.41	91	428392	48.674	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	168993	54.622	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	105371	49.467	ug/L	99
46) Tetrachloroethene	7.99	164	82995	50.759	ug/L	98
48) 2-Hexanone	8.15	43	244532	100.849	ug/L	99
49) Dibromochloromethane	8.26	129	116782	56.167	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106417	48.286	ug/L	97
51) Chlorobenzene	8.90	112	281845	49.792	ug/L	99
52) Ethylbenzene	9.03	91	479130	49.928	ug/L	100
53) m,p-Xylene	9.16	106	180303	51.084	ug/L	97
54) o-xylene	9.56	106	175230	50.238	ug/L	98
55) Styrene	9.58	104	315913	52.889	ug/L	100
56) Isopropylbenzene	9.95	105	479410	52.101	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	160614	48.421	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	134794	47.451	ug/L	100
61) Bromoform	9.75	173	85655	59.696	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	239956	49.761	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	246192	49.698	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	240439	48.443	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34751	47.520	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	194183	53.009	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	178737	55.497	ug/L	99
69) Naphthalene	13.52	128	466028	52.499	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	175570	53.605	ug/L	100

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

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