

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018041.D
 Acq On : 18 Aug 2020 09:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Aug 19 07:45:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 14:19:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300094	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	296093	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95225	41.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.18%
7) Chloroethane-d5	1.58	69	81328	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.84%
11) 1,1-Dichloroethene-d2	2.12	63	188276	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
21) 2-Butanone-d5	3.91	46	125431	83.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.64%
24) Chloroform-d	4.37	84	183368	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
26) 1,2-Dichloroethane-d4	5.05	65	118193	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.32%
32) Benzene-d6	5.07	84	350616	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.94%
36) 1,2-Dichloropropane-d6	6.09	67	114968	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.18%
41) Toluene-d8	7.33	98	322060	43.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.78%
43) trans-1,3-Dichloropropene-	7.64	79	57094	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.11	63	70650	82.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.52%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	144918	41.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	135169	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96320	41.574	ug/L 100
3) Chloromethane	1.25	50	109567	40.711	ug/L 99
5) Vinyl chloride	1.32	62	113083	42.409	ug/L 99
6) Bromomethane	1.53	94	65154	40.882	ug/L 99
8) Chloroethane	1.60	64	73720	43.315	ug/L 99
9) Trichlorofluoromethane	1.77	101	163440	42.909	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95150	44.739	ug/L 99
12) 1,1-Dichloroethene	2.13	96	87884	43.658	ug/L 98
13) Acetone	2.19	43	152540	98.479	ug/L 99
14) Carbon disulfide	2.31	76	247624	44.694	ug/L 100
15) Methyl Acetate	2.44	43	102652	41.066	ug/L 98
16) Methylene chloride	2.52	84	101378	39.530	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	92068	44.493	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	299774	43.805	ug/L 99
19) 1,1-Dichloroethane	3.21	63	180110	43.288	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	101349	44.570	ug/L 99
22) 2-Butanone	3.99	43	162513	93.523	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	53026	44.638	ug/L	97
25) Chloroform	4.40	83	185575	43.728	ug/L	100
27) 1,2-Dichloroethane	5.15	62	144538	42.789	ug/L	99
29) Cyclohexane	4.70	56	155460	43.502	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	156826	43.221	ug/L	99
31) Carbon tetrachloride	4.85	117	135091	44.723	ug/L	100
33) Benzene	5.12	78	394171	43.029	ug/L	100
34) Trichloroethene	5.94	95	104891	43.318	ug/L	99
35) Methylcyclohexane	6.15	83	159827	44.389	ug/L	100
37) 1,2-Dichloropropane	6.19	63	107333	42.964	ug/L	99
38) Bromodichloromethane	6.53	83	136862	44.105	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	162963	46.015	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	269969	82.665	ug/L	99
42) Toluene	7.41	91	418287	43.759	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	156784	46.659	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	99514	43.014	ug/L	98
46) Tetrachloroethene	7.99	164	82299	46.343	ug/L	98
48) 2-Hexanone	8.15	43	228752	86.862	ug/L	99
49) Dibromochloromethane	8.26	129	105852	46.874	ug/L	99
50) 1,2-Dibromoethane	8.37	107	102168	42.683	ug/L	96
51) Chlorobenzene	8.90	112	271292	44.128	ug/L	99
52) Ethylbenzene	9.03	91	464736	44.589	ug/L	100
53) m,p-Xylene	9.16	106	176228	45.971	ug/L	97
54) o-xylene	9.56	106	167410	44.191	ug/L	99
55) Styrene	9.58	104	299654	46.190	ug/L	99
56) Isopropylbenzene	9.95	105	454017	45.429	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	146667	40.711	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	126285	40.931	ug/L	99
61) Bromoform	9.75	173	72274	47.426	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	226172	44.161	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	230998	43.906	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	225767	42.828	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	31252	40.238	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	180588	46.417	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	165047	48.252	ug/L	98
69) Naphthalene	13.52	128	421092	44.664	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	162054	46.587	ug/L	100

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

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