

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090120\
 Data File : VV018140.D
 Acq On : 01 Sep 2020 11:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Sep 02 01:26:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 31 14:06:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287521	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82684	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.38%
7) Chloroethane-d5	1.58	69	78679	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.12	63	182874	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.16%
21) 2-Butanone-d5	3.90	46	137488	95.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.69%
24) Chloroform-d	4.37	84	192759	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
26) 1,2-Dichloroethane-d4	5.05	65	122407	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.07	84	361179	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
36) 1,2-Dichloropropane-d6	6.09	67	119527	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.33	98	333215	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.64	79	59949	51.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.76%
47) 2-Hexanone-d5	8.11	63	80721	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	163626	49.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	148254	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	94641	42.636	ug/L 99
3) Chloromethane	1.25	50	108746	42.173	ug/L 100
5) Vinyl chloride	1.32	62	114104	44.663	ug/L 99
6) Bromomethane	1.53	94	71243	46.658	ug/L 99
8) Chloroethane	1.60	64	74165	45.482	ug/L 99
9) Trichlorofluoromethane	1.77	101	169869	46.547	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101248	49.688	ug/L 97
12) 1,1-Dichloroethene	2.13	96	91533	47.459	ug/L 95
13) Acetone	2.19	43	170126	114.635	ug/L 99
14) Carbon disulfide	2.31	76	240568	45.319	ug/L 99
15) Methyl Acetate	2.44	43	105139	43.900	ug/L 99
16) Methylene chloride	2.52	84	110060	44.792	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	94840	47.837	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	323537	49.345	ug/L 99
19) 1,1-Dichloroethane	3.21	63	192167	48.205	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	109464	50.244	ug/L 97
22) 2-Butanone	3.99	43	180250	108.266	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	56331	49.494	ug/L	98
25) Chloroform	4.40	83	200944	49.420	ug/L	100
27) 1,2-Dichloroethane	5.15	62	154922	47.869	ug/L	98
29) Cyclohexane	4.70	56	158683	46.493	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	168973	48.760	ug/L	98
31) Carbon tetrachloride	4.85	117	146246	50.694	ug/L	99
33) Benzene	5.12	78	417772	47.751	ug/L	100
34) Trichloroethene	5.94	95	109472	47.337	ug/L	98
35) Methylcyclohexane	6.15	83	161964	47.099	ug/L	100
37) 1,2-Dichloropropane	6.19	63	114616	48.037	ug/L	100
38) Bromodichloromethane	6.53	83	150369	50.738	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	179442	53.051	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	289911	92.948	ug/L	100
42) Toluene	7.41	91	449213	49.204	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	174047	54.233	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	107520	48.660	ug/L	99
46) Tetrachloroethene	8.00	164	86696	51.116	ug/L	98
48) 2-Hexanone	8.15	43	246705	98.086	ug/L	100
49) Dibromochloromethane	8.27	129	118788	55.077	ug/L	100
50) 1,2-Dibromoethane	8.37	107	111874	48.936	ug/L	98
51) Chlorobenzene	8.90	112	294712	50.193	ug/L	98
52) Ethylbenzene	9.03	91	500945	50.324	ug/L	99
53) m,p-Xylene	9.16	106	188077	51.370	ug/L	97
54) o-xylene	9.56	106	184210	50.914	ug/L	97
55) Styrene	9.58	104	330799	53.389	ug/L	99
56) Isopropylbenzene	9.95	105	498825	52.261	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	163375	47.482	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	136741	46.405	ug/L	100
61) Bromoform	9.75	173	88343	59.300	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	250925	50.118	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	254903	49.560	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	250285	48.568	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34841	45.887	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	200657	52.758	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	183027	54.735	ug/L	99
69) Naphthalene	13.52	128	478393	51.906	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	181801	53.462	ug/L	99

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

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