

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015218.D
 Acq On : 28 Mar 2020 01:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Mar 28 05:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	686520	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	667411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	320188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137390	49.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.64%
7) Chloroethane-d5	1.58	69	150555	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.84%
11) 1,1-Dichloroethene-d2	2.13	63	315642	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
21) 2-Butanone-d5	3.93	46	341111	103.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.38%
24) Chloroform-d	4.37	84	365655	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.06	65	242248	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
32) Benzene-d6	5.07	84	594830	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
36) 1,2-Dichloropropane-d6	6.09	67	221978	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.86%
41) Toluene-d8	7.33	98	541122	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%
43) trans-1,3-Dichloropropene-	7.64	79	117428	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.84%
47) 2-Hexanone-d5	8.11	63	248503	97.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	389739	50.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	271950	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	266754	51.161	ug/L 99
3) Chloromethane	1.25	50	282570	47.633	ug/L 100
5) Vinyl chloride	1.32	62	300225	49.152	ug/L 98
6) Bromomethane	1.53	94	191998	48.686	ug/L 99
8) Chloroethane	1.60	64	185906	47.273	ug/L 97
9) Trichlorofluoromethane	1.77	101	457922	46.793	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	220317	42.683	ug/L 99
12) 1,1-Dichloroethene	2.13	96	233225	45.499	ug/L 98
13) Acetone	2.22	43	225061	116.835	ug/L # 100
14) Carbon disulfide	2.31	76	702436	55.134	ug/L 100
15) Methyl Acetate	2.46	43	215409	46.260	ug/L 97
16) Methylene chloride	2.52	84	235165	46.971	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	218053	49.292	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	726104	48.016	ug/L 100
19) 1,1-Dichloroethane	3.21	63	398049	48.228	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	249923	47.284	ug/L # 99
22) 2-Butanone	4.02	43	312393	99.850	ug/L 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	123537	49.543	ug/L	94
25) Chloroform	4.40	83	424493	48.181	ug/L	99
27) 1,2-Dichloroethane	5.15	62	324243	47.707	ug/L	98
29) Cyclohexane	4.70	56	347343	47.512	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	397387	49.769	ug/L	99
31) Carbon tetrachloride	4.85	117	328320	48.898	ug/L	98
33) Benzene	5.12	78	910778	48.677	ug/L	100
34) Trichloroethene	5.94	95	249476	49.774	ug/L	97
35) Methylcyclohexane	6.15	83	352544	46.058	ug/L	99
37) 1,2-Dichloropropane	6.20	63	226714	48.316	ug/L	99
38) Bromodichloromethane	6.53	83	329289	47.756	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	369902	47.150	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	649817	94.097	ug/L	100
42) Toluene	7.41	91	1036681	50.132	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	374882	49.450	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	232976	49.098	ug/L	96
46) Tetrachloroethene	8.00	164	167855	51.759	ug/L	96
48) 2-Hexanone	8.16	43	492943	93.428	ug/L	99
49) Dibromochloromethane	8.27	129	256935	50.016	ug/L	98
50) 1,2-Dibromoethane	8.37	107	245847	48.514	ug/L	98
51) Chlorobenzene	8.90	112	663961	49.309	ug/L	100
52) Ethylbenzene	9.03	91	1174572	50.183	ug/L	100
53) m,p-Xylene	9.16	106	456859	50.736	ug/L	97
54) o-xylene	9.56	106	445482	49.668	ug/L	99
55) Styrene	9.58	104	763818	50.541	ug/L	97
56) Isopropylbenzene	9.95	105	1169518	50.821	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	372095	47.717	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	299990	47.216	ug/L	99
61) Bromoform	9.75	173	170627	50.554	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	496221	49.787	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	499140	49.831	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	494188	48.365	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	99713	46.816	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	319131	50.438	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	300687	51.098	ug/L	99
69) Naphthalene	13.53	128	1153245	48.615	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	305320	50.598	ug/L	99

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

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