

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102419\
 Data File : VV013315.D
 Acq On : 24 Oct 2019 13:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Oct 25 13:28:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 16:16:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1216344	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1163174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	635412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	420399	52.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.28%
7) Chloroethane-d5	1.58	69	349837	56.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.42%
11) 1,1-Dichloroethene-d2	2.13	63	689880	58.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.94%
21) 2-Butanone-d5	3.92	46	570965	105.69	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.69%
24) Chloroform-d	4.40	84	921497	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
26) 1,2-Dichloroethane-d4	5.07	65	549948	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.60%
32) Benzene-d6	5.09	84	1886178	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
36) 1,2-Dichloropropane-d6	6.11	67	585185	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.54%
41) Toluene-d8	7.35	98	1773070	54.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.82%
43) trans-1,3-Dichloropropene-	7.66	79	278062	56.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.66%
47) 2-Hexanone-d5	8.13	63	403261	120.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.07%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	745087	50.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.66%
64) 1,2-Dichlorobenzene-d4	11.67	152	757599	51.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	547494	52.352	ug/L	98
3) Chloromethane	1.25	50	451438	57.285	ug/L	99
5) Vinyl chloride	1.32	62	471741	58.015	ug/L	97
6) Bromomethane	1.53	94	259279	62.203	ug/L	99
8) Chloroethane	1.60	64	267452	58.536	ug/L	99
9) Trichlorofluoromethane	1.77	101	656421	58.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	391348	61.227	ug/L	98
12) 1,1-Dichloroethene	2.14	96	361640	58.727	ug/L	98
13) Acetone	2.18	43	482472	120.855	ug/L	96
14) Carbon disulfide	2.32	76	1205581	56.511	ug/L	100
15) Methyl Acetate	2.45	43	421354	50.710	ug/L	97
16) Methylene chloride	2.53	84	490555	53.594	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	455360	53.576	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	1317136	53.497	ug/L	99
19) 1,1-Dichloroethane	3.23	63	810866	52.805	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	506192	54.955	ug/L	96
22) 2-Butanone	4.00	43	665828	116.316	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	266409	53.441	ug/L	98
25) Chloroform	4.42	83	834790	53.123	ug/L	99
27) 1,2-Dichloroethane	5.17	62	608034	53.091	ug/L	99
29) Cyclohexane	4.72	56	745513	55.313	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	704574	52.339	ug/L	100
31) Carbon tetrachloride	4.87	117	652452	53.758	ug/L	100
33) Benzene	5.14	78	1875224	53.078	ug/L	100
34) Trichloroethene	5.95	95	492878	53.285	ug/L	100
35) Methylcyclohexane	6.17	83	807162	57.412	ug/L	99
37) 1,2-Dichloropropane	6.22	63	476520	53.548	ug/L	99
38) Bromodichloromethane	6.55	83	616440	52.599	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	738449	55.503	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	1112349	100.585	ug/L	99
42) Toluene	7.43	91	2015214	55.638	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	641944	56.416	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	464489	53.016	ug/L	99
46) Tetrachloroethene	8.02	164	459114	55.650	ug/L	98
48) 2-Hexanone	8.18	43	889756	99.120	ug/L	98
49) Dibromochloromethane	8.28	129	538451	54.248	ug/L	98
50) 1,2-Dibromoethane	8.39	107	488779	52.501	ug/L	98
51) Chlorobenzene	8.92	112	1334850	54.197	ug/L	98
52) Ethylbenzene	9.05	91	2201904	57.544	ug/L	99
53) m,p-Xylene	9.18	106	874715	58.859	ug/L	98
54) o-xylene	9.58	106	833592	57.519	ug/L	99
55) Styrene	9.60	104	1455220	59.206	ug/L	100
56) Isopropylbenzene	9.97	105	2185060	59.010	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	664624	49.270	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	538951	48.554	ug/L	100
61) Bromoform	9.77	173	416078	50.170	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1124646	54.824	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1143455	53.662	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1122494	53.078	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	132470	44.656	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	922148	59.689	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	796133	61.400	ug/L	99
69) Naphthalene	13.55	128	2109491	60.078	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	836831	60.244	ug/L	99

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

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