

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013292.D
 Acq On : 23 Oct 2019 09:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 24 01:11:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 17 14:55:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1119856	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1066156	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	574020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	439785	62.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.26%
7) Chloroethane-d5	1.58	69	344009	59.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.58%
11) 1,1-Dichloroethene-d2	2.12	63	616022	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
21) 2-Butanone-d5	3.96	46	543426	102.10	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.10%
24) Chloroform-d	4.39	84	955995	70.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.30%#
26) 1,2-Dichloroethane-d4	5.08	65	565432	67.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.62%#
32) Benzene-d6	5.09	84	1948701	68.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	137.02%#
36) 1,2-Dichloropropane-d6	6.11	67	588687	66.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.10%#
41) Toluene-d8	7.35	98	1792171	70.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	140.80%#
43) trans-1,3-Dichloropropene-	7.66	79	264844	65.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.20%#
47) 2-Hexanone-d5	8.13	63	335702	94.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.67%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	769422	66.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	133.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	729739	64.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.78%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	385427	44.370	ug/L 99
3) Chloromethane	1.25	50	305746	30.931	ug/L 99
5) Vinyl chloride	1.32	62	321883	33.896	ug/L 96
6) Bromomethane	1.53	94	155645	32.034	ug/L 99
8) Chloroethane	1.60	64	186371	32.996	ug/L 99
9) Trichlorofluoromethane	1.77	101	466364	38.274	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	268593	37.423	ug/L 89
12) 1,1-Dichloroethene	2.14	96	248315	35.755	ug/L 91
13) Acetone	2.23	43	97569	19.965	ug/L 96
14) Carbon disulfide	2.31	76	832707	41.344	ug/L 100
15) Methyl Acetate	2.47	43	303044	34.992	ug/L 95
16) Methylene chloride	2.53	84	376253	45.536	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	346192	45.949	ug/L 98
18) Methyl tert-butyl Ether	2.80	73	1006526	44.260	ug/L 98
19) 1,1-Dichloroethane	3.22	63	638351	44.917	ug/L 100
23) Bromochloromethane	4.29	128	209829	48.450	ug/L 94
25) Chloroform	4.42	83	660682	46.138	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.17	62	481541	43.869	ug/L	99
29) Cyclohexane	4.72	56	541386	42.400	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	554301	46.855	ug/L	97
31) Carbon tetrachloride	4.87	117	494722	47.063	ug/L	99
33) Benzene	5.14	78	1476639	45.473	ug/L	100
34) Trichloroethene	5.96	95	374589	43.324	ug/L	96
35) Methylcyclohexane	6.17	83	579140	44.281	ug/L	99
37) 1,2-Dichloropropane	6.22	63	363866	43.273	ug/L	100
38) Bromodichloromethane	6.55	83	483521	45.192	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	558162	44.882	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	891866	81.024	ug/L	99
42) Toluene	7.43	91	1547920	46.303	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	470621	43.655	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	358389	44.892	ug/L	99
46) Tetrachloroethene	8.01	164	345590	50.487	ug/L	95
48) 2-Hexanone	8.18	43	717650	84.311	ug/L	97
49) Dibromochloromethane	8.29	129	418035	48.047	ug/L	100
50) 1,2-Dibromoethane	8.39	107	378722	45.389	ug/L	98
51) Chlorobenzene	8.92	112	1001621	45.689	ug/L	98
52) Ethylbenzene	9.05	91	1623015	45.452	ug/L	99
53) m,p-Xylene	9.18	106	645869	48.076	ug/L	100
54) o-xylene	9.58	106	622262	46.232	ug/L	97
55) Styrene	9.60	104	1101921	49.852	ug/L	99
56) Isopropylbenzene	9.97	105	1619924	46.872	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	545271	46.983	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	443793	43.353	ug/L	99
61) Bromoform	9.77	173	318192	44.051	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	818139	44.074	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	833132	44.694	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	829381	43.890	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	106072	38.593	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	586806	44.326	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	494656	43.564	ug/L	99
69) Naphthalene	13.55	128	1376758	44.012	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	556004	45.777	ug/L	100

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

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