

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012829.D
 Acq On : 16 Sep 2019 10:51
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Sep 16 16:39:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 16:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	468851	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	455788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	585891	17.93	ug/L	0.00
7) Chloroethane-d5	1.58	69	450096	16.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	940019	17.77	ug/L	0.00
20) 2-Butanone-d5	3.97	46	1027118	142.33	ug/L	0.00
24) Chloroform-d	4.40	84	938045	16.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	429159	15.72	ug/L	0.00
32) Benzene-d6	5.09	84	1969840	18.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	573917	16.76	ug/L	0.00
41) Toluene-d8	7.36	98	1877577	19.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	205038	17.52	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	763073	179.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	346304	14.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	614351	15.83	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	631791	15.931	ug/L	100
3) Chloromethane	1.25	50	598259	15.031	ug/L	97
5) Vinyl chloride	1.32	62	680844	16.478	ug/L	99
6) Bromomethane	1.53	94	353773	15.838	ug/L	99
8) Chloroethane	1.60	64	361595	15.082	ug/L	99
9) Trichlorofluoromethane	1.77	101	837153	16.236	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	481469	15.613	ug/L	99
12) 1,1-Dichloroethene	2.14	96	435855	14.945	ug/L	97
13) Acetone	2.24	43	726243	160.943	ug/L	91
14) Carbon disulfide	2.31	76	981932	12.979	ug/L	99
15) Methyl Acetate	2.47	43	249929	20.548	ug/L #	89
16) Methylene chloride	2.53	84	491467	13.678	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	1212468	17.349	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	484583	14.923	ug/L	98
19) 1,1-Dichloroethane	3.22	63	1045120	16.788	ug/L	99
21) 2-Butanone	4.06	43	1569568	203.924	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	591657	16.650	ug/L	99
23) Bromochloromethane	4.30	128	247477	16.255	ug/L	97
25) Chloroform	4.42	83	1088952	15.833	ug/L	99
27) 1,2-Dichloroethane	5.18	62	626439	17.406	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	870534	17.200	ug/L	99
30) Cyclohexane	4.72	56	856354	17.420	ug/L	99
31) Carbon tetrachloride	4.87	117	743339	16.779	ug/L	100
33) Benzene	5.14	78	2243391	16.877	ug/L	100
34) Trichloroethene	5.96	95	608313	16.464	ug/L	100
35) Methylcyclohexane	6.17	83	893675	17.485	ug/L	97
37) 1,2-Dichloropropane	6.22	63	613989	18.340	ug/L	98
38) Bromodichloromethane	6.55	83	756504	17.387	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	845025	19.380	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	3894323	208.237	ug/L	97

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42) Toluene	7.43	91	2440358	17.669	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	657931	19.797	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	424756	18.143	ug/L	96
47) Tetrachloroethene	8.02	164	466316	16.254	ug/L	98
48) 2-Hexanone	8.19	43	2832990	209.782	ug/L	99
49) Dibromochloromethane	8.29	129	504350	18.131	ug/L	97
50) 1,2-Dibromoethane	8.40	107	365630	17.765	ug/L	99
51) Chlorobenzene	8.92	112	1598136	17.439	ug/L	99
52) Ethylbenzene	9.05	91	2786259	18.762	ug/L	100
53) m,p-xylene	9.18	106	1050939	18.777	ug/L	100
54) o-xylene	9.59	106	1046440	19.444	ug/L	100
55) Styrene	9.60	104	1810879	20.144	ug/L	100
56) Isopropylbenzene	9.97	105	2824111	19.758	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	432250	18.709	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	351304	17.691	ug/L	100
61) Bromoform	9.77	173	275147	17.562	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1312573	18.032	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1310911	17.812	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1238076	17.974	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	63254	17.998	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	1029660	18.689	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	853740	19.642	ug/L	99
69) Naphthalene	13.55	128	1417949	21.844	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	815919	19.833	ug/L	99

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

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