

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013640.D
 Acq On : 15 Nov 2019 14:18
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02035

Quant Time: Nov 15 23:08:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 23:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	414201	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	386164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	213484	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	484483	18.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	431376	20.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	884808	19.66	ug/L	0.00
20) 2-Butanone-d5	3.95	46	1322032	266.29	ug/L	0.00
24) Chloroform-d	4.39	84	1091569	23.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	527769	22.85	ug/L	0.00
32) Benzene-d6	5.09	84	2187298	22.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	656622	20.65	ug/L	0.00
41) Toluene-d8	7.35	98	2101226	22.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	259201	21.80	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1126105	240.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	480678	21.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	809504	21.49	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	723503	18.665	ug/L	100
3) Chloromethane	1.25	50	689655	19.611	ug/L	100
5) Vinyl chloride	1.32	62	661115	19.285	ug/L	100
6) Bromomethane	1.53	94	402809	20.905	ug/L	98
8) Chloroethane	1.60	64	378460	20.128	ug/L	98
9) Trichlorofluoromethane	1.77	101	852946	18.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	488604	18.687	ug/L	98
12) 1,1-Dichloroethene	2.13	96	479245	19.586	ug/L	92
13) Acetone	2.22	43	757630	229.737	ug/L #	37
14) Carbon disulfide	2.31	76	1655028	22.559	ug/L	99
15) Methyl Acetate	2.47	43	216405	22.058	ug/L	100
16) Methylene chloride	2.53	84	572152	20.722	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	1282545	22.058	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	600645	22.456	ug/L	94
19) 1,1-Dichloroethane	3.23	63	1057429	21.879	ug/L	99
21) 2-Butanone	4.03	43	1452367	242.653	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	644896	22.229	ug/L #	97
23) Bromochloromethane	4.29	128	274221	21.128	ug/L	96
25) Chloroform	4.42	83	1099855	18.294	ug/L	98
27) 1,2-Dichloroethane	5.17	62	656819	20.503	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	931781	21.534	ug/L	99
30) Cyclohexane	4.72	56	1015063	23.492	ug/L	100
31) Carbon tetrachloride	4.87	117	858000	21.980	ug/L	98
33) Benzene	5.14	78	2402346	21.032	ug/L	100
34) Trichloroethene	5.96	95	622915	19.407	ug/L	99
35) Methylcyclohexane	6.17	83	1055823	22.390	ug/L	97
37) 1,2-Dichloropropane	6.22	63	587231	19.950	ug/L	100
38) Bromodichloromethane	6.55	83	763297	18.960	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	912070	22.058	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	3545902	213.189	ug/L	99

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42) Toluene	7.43	91	2594827	20.875	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	698180	22.366	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	403373	19.056	ug/L	98
47) Tetrachloroethene	8.01	164	574896	19.615	ug/L	98
48) 2-Hexanone	8.18	43	2481451	214.730	ug/L	97
49) Dibromochloromethane	8.29	129	535333	20.165	ug/L	99
50) 1,2-Dibromoethane	8.39	107	390097	20.074	ug/L	100
51) Chlorobenzene	8.92	112	1662426	20.364	ug/L	99
52) Ethylbenzene	9.05	91	2903770	22.143	ug/L	99
53) m,p-xylene	9.18	106	1114398	22.309	ug/L	100
54) o-xylene	9.58	106	1072689	22.786	ug/L	99
55) Styrene	9.60	104	1831148	22.613	ug/L	98
56) Isopropylbenzene	9.97	105	2879421	22.936	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	469779	20.184	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	348204	19.397	ug/L	100
61) Bromoform	9.77	173	321322	19.825	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	1405384	20.164	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	1412871	19.792	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	1284683	19.904	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	73687	18.655	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.69	180	1182795	20.796	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1006475	22.524	ug/L	99
69) Naphthalene	13.55	128	1548191	26.939	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	921185	22.281	ug/L	99

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

