

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013393.D
 Acq On : 29 Oct 2019 11:43
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: Oct 30 01:01:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 01:57:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	359884	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	376689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	240117	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	353722	12.47	ug/L	0.00
7) Chloroethane-d5	1.58	69	276431	12.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	574110	11.70	ug/L	0.00
20) 2-Butanone-d5	3.96	46	865246	146.61	ug/L	0.00
24) Chloroform-d	4.40	84	704256	11.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	349072	11.69	ug/L	0.00
32) Benzene-d6	5.09	84	1432555	11.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	434826	11.60	ug/L	0.00
41) Toluene-d8	7.36	98	1354400	11.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	163797	11.51	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	608035	124.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	283221	10.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	488273	10.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	490556	11.784	ug/L 99
3) Chloromethane	1.25	50	418138	11.503	ug/L 99
5) Vinyl chloride	1.32	62	401766	11.129	ug/L 99
6) Bromomethane	1.53	94	223241	11.043	ug/L 97
8) Chloroethane	1.60	64	228880	10.733	ug/L 99
9) Trichlorofluoromethane	1.77	101	528124	10.364	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	292059	9.809	ug/L 99
12) 1,1-Dichloroethene	2.14	96	283443	10.016	ug/L 94
13) Acetone	2.23	43	418012	142.294	ug/L 99
14) Carbon disulfide	2.31	76	857889	10.416	ug/L 100
15) Methyl Acetate	2.47	43	145647	14.196	ug/L 98
16) Methylene chloride	2.53	84	369045	8.476	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	780884	11.365	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	369119	10.595	ug/L 99
19) 1,1-Dichloroethane	3.23	63	699112	11.842	ug/L 99
21) 2-Butanone	4.05	43	949551	145.318	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	390452	10.515	ug/L 98
23) Bromochloromethane	4.30	128	167280	9.900	ug/L 97
25) Chloroform	4.42	83	693884	9.673	ug/L 99
27) 1,2-Dichloroethane	5.18	62	421823	10.985	ug/L 97
29) 1,1,1-Trichloroethane	4.65	97	587903	10.424	ug/L 99
30) Cyclohexane	4.72	56	662301	11.205	ug/L 99
31) Carbon tetrachloride	4.87	117	533576	10.518	ug/L 99
33) Benzene	5.14	78	1539757	10.588	ug/L 100
34) Trichloroethene	5.96	95	401185	10.260	ug/L 99
35) Methylcyclohexane	6.17	83	659592	10.943	ug/L 99
37) 1,2-Dichloropropane	6.22	63	383472	10.799	ug/L 100
38) Bromodichloromethane	6.55	83	474611	10.412	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	546906	10.929	ug/L 97
40) 4-Methyl-2-pentanone	7.27	43	2305178	123.897	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1640052	10.768	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	419809	11.018	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	247573	10.102	ug/L	97
47) Tetrachloroethene	8.02	164	345193	9.880	ug/L	99
48) 2-Hexanone	8.18	43	1643489	123.956	ug/L	99
49) Dibromochloromethane	8.29	129	312715	10.135	ug/L	99
50) 1,2-Dibromoethane	8.39	107	230853	9.892	ug/L	99
51) Chlorobenzene	8.92	112	1010857	10.153	ug/L	99
52) Ethylbenzene	9.05	91	1769430	11.057	ug/L	100
53) m,p-xylene	9.18	106	677946	11.171	ug/L	98
54) o-xylene	9.58	106	646161	11.155	ug/L	98
55) Styrene	9.60	104	1124022	11.418	ug/L	98
56) Isopropylbenzene	9.97	105	1749040	11.416	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	266145	9.543	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	217095	10.308	ug/L	100
61) Bromoform	9.77	173	181750	9.840	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	853462	9.991	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	837574	9.728	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	770562	9.797	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	41608	9.367	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	677329	10.493	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	550578	9.868	ug/L	100
69) Naphthalene	13.55	128	807298	10.505	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	507683	9.895	ug/L	99

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

