

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012828.D
 Acq On : 16 Sep 2019 10:25
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Quant Time: Sep 16 16:39:23 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	428922	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	422550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	273394	9.14	ug/L	0.00
7) Chloroethane-d5	1.58	69	211353	8.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	459652	9.50	ug/L	0.00
20) 2-Butanone-d5	3.97	46	433104	65.60	ug/L	0.00
24) Chloroform-d	4.40	84	436101	8.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	200186	8.01	ug/L	0.00
32) Benzene-d6	5.09	84	904894	8.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	260067	8.19	ug/L	0.00
41) Toluene-d8	7.36	98	865402	9.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	87519	8.07	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	301595	76.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	153076	6.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	276675	7.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	298669	8.232 ug/L	99
3) Chloromethane	1.25	50	285359	7.837 ug/L	96
5) Vinyl chloride	1.32	62	322712	8.537 ug/L	99
6) Bromomethane	1.53	94	166226	8.134 ug/L	99
8) Chloroethane	1.60	64	172193	7.851 ug/L	99
9) Trichlorofluoromethane	1.77	101	396051	8.396 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	231053	8.190 ug/L	99
12) 1,1-Dichloroethene	2.14	96	212521	7.966 ug/L	99
13) Acetone	2.23	43	326329	79.050 ug/L	96
14) Carbon disulfide	2.31	76	466193	6.736 ug/L	99
15) Methyl Acetate	2.47	43	96526	8.675 ug/L	96
16) Methylene chloride	2.53	84	236353	7.190 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	562507	8.798 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	228621	7.696 ug/L	98
19) 1,1-Dichloroethane	3.22	63	485180	8.519 ug/L	99
21) 2-Butanone	4.06	43	645189	91.629 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	269643	8.295 ug/L	98
23) Bromochloromethane	4.29	128	113508	8.150 ug/L	99
25) Chloroform	4.42	83	511984	8.137 ug/L	98
27) 1,2-Dichloroethane	5.18	62	284041	8.627 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	403952	8.609 ug/L	99
30) Cyclohexane	4.72	56	373003	8.184 ug/L	98
31) Carbon tetrachloride	4.87	117	344210	8.381 ug/L	100
33) Benzene	5.14	78	1044007	8.472 ug/L	100
34) Trichloroethene	5.95	95	288402	8.420 ug/L	99
35) Methylcyclohexane	6.17	83	391140	8.255 ug/L	99
37) 1,2-Dichloropropane	6.22	63	282758	9.111 ug/L	98
38) Bromodichloromethane	6.55	83	346763	8.597 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	360378	8.915 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	1735421	100.096 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1130728	8.831	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	283398	9.198	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	196072	9.034	ug/L	96
47) Tetrachloroethene	8.02	164	212465	7.988	ug/L	98
48) 2-Hexanone	8.19	43	1270052	101.445	ug/L	99
49) Dibromochloromethane	8.29	129	227278	8.813	ug/L	99
50) 1,2-Dibromoethane	8.40	107	166054	8.703	ug/L	99
51) Chlorobenzene	8.92	112	726793	8.555	ug/L	98
52) Ethylbenzene	9.05	91	1231184	8.943	ug/L	100
53) m,p-xylene	9.18	106	467404	9.008	ug/L	98
54) o-xylene	9.59	106	458366	9.187	ug/L	99
55) Styrene	9.60	104	814864	9.778	ug/L	99
56) Isopropylbenzene	9.97	105	1243885	9.387	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	186018	8.685	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	160694	8.729	ug/L	98
61) Bromoform	9.77	173	120651	8.326	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	595431	8.844	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	588867	8.651	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	558575	8.767	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	25995	7.997	ug/L	85
67) 1,3,5-Trichlorobenzene	12.69	180	446365	8.759	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	352793	8.775	ug/L	98
69) Naphthalene	13.55	128	548523	9.136	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	354090	9.306	ug/L	99

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

