

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081319\
 Data File : VV012216.D
 Acq On : 13 Aug 2019 15:28
 Operator : SY/MD
 Sample : VSTD00531
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00531

Quant Time: Aug 14 02:04:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 14 02:01:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220546	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	211826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63464	6.40	ug/L	0.00
7) Chloroethane-d5	1.58	69	50128	6.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	102207	5.30	ug/L	0.00
20) 2-Butanone-d5	3.96	46	148882	59.47	ug/L	0.00
24) Chloroform-d	4.40	84	131505	4.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	63159	4.60	ug/L	0.00
32) Benzene-d6	5.09	84	265017	5.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	76624	5.46	ug/L	0.00
41) Toluene-d8	7.36	98	246818	4.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	29482	4.28	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	104013	47.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55333	4.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	85850	4.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	111942	5.326	ug/L 100
3) Chloromethane	1.25	50	97414	8.629	ug/L 100
5) Vinyl chloride	1.32	62	101774	8.072	ug/L 100
6) Bromomethane	1.53	94	55948	7.754	ug/L 100
8) Chloroethane	1.60	64	59876	8.449	ug/L 100
9) Trichlorofluoromethane	1.77	101	127601	5.850	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	61787	6.154	ug/L 100
12) 1,1-Dichloroethene	2.14	96	55353	5.995	ug/L 100
13) Acetone	2.23	43	86663	57.497	ug/L 100
14) Carbon disulfide	2.31	76	162166	6.240	ug/L 100
15) Methyl Acetate	2.47	43	21256	6.283	ug/L 100
16) Methylene chloride	2.53	84	57754	5.830	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	159213	5.159	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	77181	5.708	ug/L 100
19) 1,1-Dichloroethane	3.23	63	144191	6.305	ug/L 100
21) 2-Butanone	4.05	43	201759	73.470	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	89735	5.977	ug/L 100
23) Bromochloromethane	4.30	128	38135	5.436	ug/L 100
25) Chloroform	4.42	83	156963	5.542	ug/L 100
27) 1,2-Dichloroethane	5.18	62	92400	5.513	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	135267	5.140	ug/L 100
30) Cyclohexane	4.72	56	136203	6.712	ug/L 100
31) Carbon tetrachloride	4.87	117	122971	4.885	ug/L 100
33) Benzene	5.14	78	339902	6.229	ug/L 100
34) Trichloroethene	5.96	95	88929	5.626	ug/L 100
35) Methylcyclohexane	6.17	83	143896	5.785	ug/L 100
37) 1,2-Dichloropropane	6.22	63	83988	6.810	ug/L 100
38) Bromodichloromethane	6.55	83	106159	5.413	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	118373	5.628	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	484677	69.506	ug/L 100

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42) Toluene	7.43	91	367447	5.870	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	89463	5.427	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	56705	5.711	ug/L	100
47) Tetrachloroethene	8.02	164	75427	5.104	ug/L	100
48) 2-Hexanone	8.19	43	348582	71.043	ug/L	100
49) Dibromochloromethane	8.29	129	69438	4.881	ug/L	100
50) 1,2-Dibromoethane	8.40	107	54190	5.546	ug/L	100
51) Chlorobenzene	8.92	112	231073	5.517	ug/L	100
52) Ethylbenzene	9.05	91	388645	5.567	ug/L	100
53) m,p-xylene	9.18	106	151213	5.539	ug/L	100
54) o-xylene	9.59	106	143473	5.457	ug/L	100
55) Styrene	9.60	104	246297	5.609	ug/L	100
56) Isopropylbenzene	9.97	105	379192	5.253	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	65839	5.965	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	48313	5.720	ug/L	100
61) Bromoform	9.77	173	36469	4.580	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	186092	5.579	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	183132	5.493	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	169931	5.512	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9911	5.094	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	138311	4.987	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	103809	4.601	ug/L	100
69) Naphthalene	13.55	128	153726	4.272	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	100768	4.669	ug/L	100

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

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