

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012365.D
 Acq On : 23 Aug 2019 15:03
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Quant Time: Aug 24 00:35:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 24 00:30:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	218417	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	209862	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6700	0.51	ug/L	0.00
7) Chloroethane-d5	1.58	69	5226	0.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12080	0.55	ug/L	0.00
20) 2-Butanone-d5	3.98	46	16863	5.80	ug/L	0.02
24) Chloroform-d	4.41	84	15352	0.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	8014	0.64	ug/L	0.00
32) Benzene-d6	5.10	84	29952	0.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9763	0.62	ug/L	0.00
41) Toluene-d8	7.36	98	25375	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3624	0.61	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	8407	4.47	ug/L	0.01
57) 1,1,2,2-Tetrachloroethane-	10.26	84	6236	0.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10475	0.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10111	0.497 ug/L	97
3) Chloromethane	1.25	50	8417	0.468 ug/L	94
5) Vinyl chloride	1.32	62	7860	0.429 ug/L	93
6) Bromomethane	1.54	94	3880	0.388 ug/L	99
8) Chloroethane	1.60	64	4200	0.408 ug/L	98
9) Trichlorofluoromethane	1.77	101	9702	0.415 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5429	0.457 ug/L	95
12) 1,1-Dichloroethene	2.14	96	4589	0.412 ug/L #	78
13) Acetone	2.23	43	6167	3.557 ug/L	95
14) Carbon disulfide	2.32	76	16049	0.490 ug/L	98
15) Methyl Acetate	2.47	43	1992	0.459 ug/L #	86
16) Methylene chloride	2.53	84	6344	0.530 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	13493	0.437 ug/L #	93
18) trans-1,2-Dichloroethene	2.79	96	7117	0.475 ug/L	97
19) 1,1-Dichloroethane	3.23	63	12804	0.468 ug/L	94
21) 2-Butanone	4.07	43	14066	3.981 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	7724	0.475 ug/L	98
23) Bromochloromethane	4.30	128	3021	0.438 ug/L	94
25) Chloroform	4.43	83	17546	0.568 ug/L	100
27) 1,2-Dichloroethane	5.18	62	7586	0.452 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	11168	0.453 ug/L	99
30) Cyclohexane	4.72	56	10641	0.432 ug/L	98
31) Carbon tetrachloride	4.87	117	9614	0.433 ug/L	98
33) Benzene	5.15	78	27019	0.442 ug/L	100
34) Trichloroethene	5.96	95	7754	0.468 ug/L	98
35) Methylcyclohexane	6.17	83	11666	0.457 ug/L	96
37) 1,2-Dichloropropane	6.22	63	7259	0.475 ug/L #	93
38) Bromodichloromethane	6.55	83	8945	0.456 ug/L	88
39) cis-1,3-Dichloropropene	7.07	75	8967	0.434 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	33222	3.989 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	26544	0.411	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	6265	0.380	ug/L	90
45) 1,1,2-Trichloroethane	7.88	97	4248	0.420	ug/L	94
47) Tetrachloroethene	8.02	164	6107	0.451	ug/L	97
48) 2-Hexanone	8.20	43	24334	4.144	ug/L	93
49) Dibromochloromethane	8.29	129	5097	0.407	ug/L	96
50) 1,2-Dibromoethane	8.40	107	4283	0.439	ug/L #	96
51) Chlorobenzene	8.92	112	18683	0.448	ug/L	99
52) Ethylbenzene	9.05	91	27290	0.397	ug/L	96
53) m,p-xylene	9.18	106	9840	0.375	ug/L	100
54) o-xylene	9.59	106	9436	0.379	ug/L	96
55) Styrene	9.60	104	14266	0.343	ug/L	97
56) Isopropylbenzene	9.97	105	24609	0.368	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	4523	0.390	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	4101	0.479	ug/L	99
61) Bromoform	9.78	173	2950	0.523	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	13606	0.469	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	14338	0.495	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	12662	0.475	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	740	0.438	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	10045	0.456	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	5820	0.359	ug/L	98
69) Naphthalene	13.56	128	8134	0.355	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	5688	0.373	ug/L #	90

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

