

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012277.D
 Acq On : 19 Aug 2019 13:59
 Operator : SY/MD
 Sample : VSTD00534
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00534

Quant Time: Aug 19 18:27:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 19 18:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118999	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117708	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34211	4.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	22833	4.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	62411	5.08	ug/L	0.00
20) 2-Butanone-d5	3.97	46	80997	51.07	ug/L	0.00
24) Chloroform-d	4.40	84	82447	5.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	42496	5.90	ug/L	0.00
32) Benzene-d6	5.09	84	152167	5.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	41735	4.77	ug/L	0.00
41) Toluene-d8	7.36	98	152749	5.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	19414	5.58	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	61557	56.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33018	5.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	61916	5.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	78974	6.493	ug/L 100
3) Chloromethane	1.25	50	41486	4.190	ug/L 100
5) Vinyl chloride	1.32	62	43732	4.296	ug/L 100
6) Bromomethane	1.53	94	20292	3.617	ug/L 100
8) Chloroethane	1.60	64	19973	3.543	ug/L 100
9) Trichlorofluoromethane	1.77	101	77216	5.634	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34262	5.041	ug/L 100
12) 1,1-Dichloroethene	2.14	96	31033	4.920	ug/L 100
13) Acetone	2.23	43	43341	44.540	ug/L 100
14) Carbon disulfide	2.31	76	77821	4.336	ug/L 100
15) Methyl Acetate	2.47	43	7802	3.328	ug/L 100
16) Methylene chloride	2.53	84	27243	4.132	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	89590	5.151	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	41127	4.937	ug/L 100
19) 1,1-Dichloroethane	3.23	63	72182	4.790	ug/L 100
21) 2-Butanone	4.05	43	80297	42.186	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	45265	4.976	ug/L 100
23) Bromochloromethane	4.30	128	20348	5.188	ug/L 100
25) Chloroform	4.42	83	85746	4.926	ug/L 100
27) 1,2-Dichloroethane	5.18	62	52891	5.476	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	80329	5.501	ug/L 100
30) Cyclohexane	4.72	56	58926	4.312	ug/L 100
31) Carbon tetrachloride	4.87	117	75307	5.660	ug/L 100
33) Benzene	5.14	78	165633	4.790	ug/L 100
34) Trichloroethene	5.96	95	48112	5.030	ug/L 100
35) Methylcyclohexane	6.17	83	72785	4.966	ug/L 100
37) 1,2-Dichloropropane	6.22	63	38029	4.467	ug/L 100
38) Bromodichloromethane	6.55	83	59585	5.210	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	63561	5.248	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	215744	46.336	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	191486	5.138	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	50851	5.272	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	30334	5.175	ug/L	100
47) Tetrachloroethene	8.02	164	45553	5.643	ug/L	100
48) 2-Hexanone	8.19	43	151591	46.438	ug/L	100
49) Dibromochloromethane	8.29	129	40748	5.490	ug/L	100
50) 1,2-Dibromoethane	8.40	107	28393	5.035	ug/L	100
51) Chlorobenzene	8.92	112	126262	5.180	ug/L	100
52) Ethylbenzene	9.05	91	213292	5.312	ug/L	100
53) m,p-xylene	9.18	106	86170	5.544	ug/L	100
54) o-xylene	9.59	106	81244	5.530	ug/L	100
55) Styrene	9.60	104	138323	5.644	ug/L	100
56) Isopropylbenzene	9.97	105	220190	5.574	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	31340	4.716	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	24725	5.004	ug/L	100
61) Bromoform	9.77	173	22978	5.510	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	110676	5.204	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	110641	5.202	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	101620	5.201	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	5703	4.616	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	90805	5.535	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	68550	5.614	ug/L	100
69) Naphthalene	13.55	128	91030	5.280	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	63635	5.572	ug/L	100

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

