

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013534.D
 Acq On : 08 Nov 2019 11:09
 Operator : SY/MD
 Sample : VSTD01032
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01032

Quant Time: Nov 08 21:49:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 21:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	432098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	422278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231091	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206465	10.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	180310	10.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	383412	10.50	ug/L	0.00
20) 2-Butanone-d5	3.95	46	771206	116.86	ug/L	0.00
24) Chloroform-d	4.40	84	535882	10.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	278358	10.92	ug/L	0.00
32) Benzene-d6	5.09	84	959500	10.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	323266	10.50	ug/L	0.00
41) Toluene-d8	7.36	98	854831	10.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	128544	10.64	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	583892	130.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	261010	10.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	402496	9.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	438272	10.390	ug/L 100
3) Chloromethane	1.25	50	393832	10.811	ug/L 100
5) Vinyl chloride	1.32	62	382932	10.970	ug/L 98
6) Bromomethane	1.54	94	201720	11.021	ug/L 100
8) Chloroethane	1.60	64	203777	10.507	ug/L 98
9) Trichlorofluoromethane	1.77	101	499352	10.760	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	278950	10.697	ug/L 99
12) 1,1-Dichloroethene	2.14	96	263672	10.932	ug/L 97
13) Acetone	2.22	43	399647	104.546	ug/L 98
14) Carbon disulfide	2.32	76	792368	10.691	ug/L 100
15) Methyl Acetate	2.47	43	130184	11.321	ug/L 98
16) Methylene chloride	2.53	84	331537	9.684	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	739888	11.115	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	337067	10.842	ug/L 99
19) 1,1-Dichloroethane	3.23	63	624373	10.619	ug/L 97
21) 2-Butanone	4.04	43	848243	116.712	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	355964	11.019	ug/L 97
23) Bromochloromethane	4.30	128	161057	11.068	ug/L 96
25) Chloroform	4.42	83	643608	10.407	ug/L 97
27) 1,2-Dichloroethane	5.18	62	381823	11.037	ug/L 98
29) 1,1,1-Trichloroethane	4.65	97	534931	10.536	ug/L 98
30) Cyclohexane	4.72	56	580217	11.003	ug/L 98
31) Carbon tetrachloride	4.87	117	487103	10.695	ug/L 99
33) Benzene	5.14	78	1377114	10.830	ug/L 100
34) Trichloroethene	5.96	95	364018	10.640	ug/L 98
35) Methylcyclohexane	6.17	83	593417	11.164	ug/L 99
37) 1,2-Dichloropropane	6.22	63	345086	10.800	ug/L 100
38) Bromodichloromethane	6.55	83	430318	10.530	ug/L 96
39) cis-1,3-Dichloropropene	7.07	75	495632	11.497	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	2113626	117.266	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1504536	11.435	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	384159	11.151	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	231080	10.504	ug/L	98
47) Tetrachloroethene	8.01	164	319484	10.504	ug/L	98
48) 2-Hexanone	8.18	43	1499795	119.028	ug/L	99
49) Dibromochloromethane	8.29	129	292148	10.754	ug/L	100
50) 1,2-Dibromoethane	8.39	107	215248	10.470	ug/L	98
51) Chlorobenzene	8.92	112	935935	10.788	ug/L	99
52) Ethylbenzene	9.05	91	1617790	11.475	ug/L	100
53) m,p-xylene	9.18	106	628390	11.895	ug/L	99
54) o-xylene	9.58	106	595579	11.919	ug/L	99
55) Styrene	9.60	104	1032946	12.189	ug/L	100
56) Isopropylbenzene	9.97	105	1623811	11.899	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	258977	11.127	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	202748	10.888	ug/L	96
61) Bromoform	9.77	173	172095	10.580	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	797800	10.794	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	785047	10.748	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	718565	10.784	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	38224	10.708	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	629753	11.125	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	504307	11.760	ug/L	100
69) Naphthalene	13.55	128	729555	12.596	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	474261	11.838	ug/L	99

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

