

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013729.D
 Acq On : 22 Nov 2019 11:33
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01035

Quant Time: Nov 22 12:00:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 11:44:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	378242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	211715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	250086	10.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	215415	9.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	425511	9.64	ug/L	0.00
20) 2-Butanone-d5	3.95	46	573229	101.73	ug/L	-0.02
24) Chloroform-d	4.40	84	505708	9.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	242706	9.42	ug/L	0.00
32) Benzene-d6	5.09	84	1038023	9.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	307662	9.82	ug/L	0.00
41) Toluene-d8	7.35	98	996297	10.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	120440	9.94	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	495513	108.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	210366	9.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	376691	9.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	272739	7.931 ug/L	97
3) Chloromethane	1.25	50	235604	7.204 ug/L	99
5) Vinyl chloride	1.32	62	243839	7.738 ug/L	99
6) Bromomethane	1.53	94	128180	6.808 ug/L	99
8) Chloroethane	1.60	64	149286	8.392 ug/L	99
9) Trichlorofluoromethane	1.77	101	376263	8.775 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	223939	9.382 ug/L	99
12) 1,1-Dichloroethene	2.14	96	194370	8.529 ug/L	96
13) Acetone	2.22	43	365524	103.062 ug/L #	55
14) Carbon disulfide	2.31	76	447679	6.037 ug/L	99
15) Methyl Acetate	2.47	43	86864	8.811 ug/L	98
16) Methylene chloride	2.53	84	237664	7.458 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	546271	9.230 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	224126	8.062 ug/L	97
19) 1,1-Dichloroethane	3.23	63	453160	8.961 ug/L	100
21) 2-Butanone	4.04	43	609242	103.648 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	266975	9.059 ug/L	100
23) Bromochloromethane	4.29	128	115966	8.541 ug/L	96
25) Chloroform	4.42	83	476425	6.983 ug/L	97
27) 1,2-Dichloroethane	5.18	62	276439	9.092 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	402378	8.946 ug/L	99
30) Cyclohexane	4.72	56	354073	8.181 ug/L	98
31) Carbon tetrachloride	4.87	117	358962	8.904 ug/L	99
33) Benzene	5.14	78	985764	8.860 ug/L	100
34) Trichloroethene	5.96	95	268627	8.932 ug/L	97
35) Methylcyclohexane	6.17	83	383420	8.560 ug/L	99
37) 1,2-Dichloropropane	6.22	63	252441	9.427 ug/L	97
38) Bromodichloromethane	6.55	83	334130	8.902 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	367598	9.541 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1527916	97.126 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1089038	9.155	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	280598	9.208	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	178870	9.202	ug/L	99
47) Tetrachloroethene	8.01	164	231287	8.396	ug/L	97
48) 2-Hexanone	8.18	43	1070538	95.407	ug/L	97
49) Dibromochloromethane	8.29	129	233832	9.425	ug/L	96
50) 1,2-Dibromoethane	8.39	107	163310	8.799	ug/L	98
51) Chlorobenzene	8.92	112	724276	9.091	ug/L	100
52) Ethylbenzene	9.05	91	1206381	9.456	ug/L	100
53) m,p-xylene	9.18	106	469244	9.814	ug/L	99
54) o-xylene	9.58	106	459531	9.906	ug/L	98
55) Styrene	9.60	104	811194	10.316	ug/L	99
56) Isopropylbenzene	9.97	105	1262989	10.183	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	197733	9.198	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	151228	8.998	ug/L	98
61) Bromoform	9.77	173	139486	8.952	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	654880	9.318	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	650171	9.118	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	600058	9.182	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	31629	8.103	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	552210	9.408	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	457092	9.452	ug/L	99
69) Naphthalene	13.55	128	638133	9.700	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	425782	9.747	ug/L	98

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

