

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013532.D
 Acq On : 08 Nov 2019 10:21
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Quant Time: Nov 08 21:48:25 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	497302	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	491285	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	242484	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17912	0.80	ug/L	0.00
7) Chloroethane-d5	1.58	69	14487	0.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	37728	0.90	ug/L	0.00
20) 2-Butanone-d5	3.97	46	61306	8.07	ug/L	0.02
24) Chloroform-d	4.40	84	43920	0.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	25002	0.85	ug/L	0.00
32) Benzene-d6	5.10	84	81668	0.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	28914	0.81	ug/L	0.00
41) Toluene-d8	7.36	98	68033	0.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	9918	0.71	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	32487	6.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22375	0.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	34729	0.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	44516	0.917 ug/L	99
3) Chloromethane	1.25	50	41160	0.982 ug/L	98
5) Vinyl chloride	1.32	62	38602	0.961 ug/L	94
6) Bromomethane	1.54	94	19421	0.922 ug/L	96
8) Chloroethane	1.60	64	21412	0.959 ug/L	98
9) Trichlorofluoromethane	1.77	101	52987	0.992 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	29218	0.974 ug/L	95
12) 1,1-Dichloroethene	2.14	96	27488	0.990 ug/L	99
13) Acetone	2.22	43	42581	9.679 ug/L	70
14) Carbon disulfide	2.32	76	81003	0.950 ug/L	99
15) Methyl Acetate	2.47	43	12663	0.957 ug/L #	90
16) Methylene chloride	2.53	84	39052	0.991 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	71634	0.935 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	35164	0.983 ug/L	97
19) 1,1-Dichloroethane	3.23	63	62913	0.930 ug/L	99
21) 2-Butanone	4.05	43	70318	8.407 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	32710	0.880 ug/L #	98
23) Bromochloromethane	4.30	128	15692	0.937 ug/L	93
25) Chloroform	4.42	83	73555	1.033 ug/L	100
27) 1,2-Dichloroethane	5.18	62	37842	0.950 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	55042	0.932 ug/L	99
30) Cyclohexane	4.73	56	47210	0.770 ug/L	94
31) Carbon tetrachloride	4.87	117	49650	0.937 ug/L	97
33) Benzene	5.15	78	132779	0.898 ug/L	100
34) Trichloroethene	5.96	95	35794	0.899 ug/L	93
35) Methylcyclohexane	6.17	83	46820	0.757 ug/L	94
37) 1,2-Dichloropropane	6.22	63	31827	0.856 ug/L #	93
38) Bromodichloromethane	6.55	83	41495	0.873 ug/L #	98
39) cis-1,3-Dichloropropene	7.07	75	41011	0.818 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	172018	8.203 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	132071	0.863	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	34235	0.854	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	22402	0.875	ug/L	96
47) Tetrachloroethene	8.02	164	31420	0.888	ug/L	99
48) 2-Hexanone	8.19	43	122425	8.351	ug/L	94
49) Dibromochloromethane	8.29	129	28013	0.886	ug/L	94
50) 1,2-Dibromoethane	8.40	107	21277	0.890	ug/L #	97
51) Chlorobenzene	8.92	112	91502	0.907	ug/L	99
52) Ethylbenzene	9.05	91	132856	0.810	ug/L	98
53) m,p-xylene	9.18	106	48585	0.790	ug/L	95
54) o-xylene	9.59	106	47063	0.810	ug/L	99
55) Styrene	9.60	104	75271	0.763	ug/L	95
56) Isopropylbenzene	9.97	105	123999	0.781	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.28	83	23967	0.885	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20100	0.928	ug/L	95
61) Bromoform	9.77	173	15901	0.932	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	71187	0.918	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	69890	0.912	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	65381	0.935	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.47	75	3385	0.904	ug/L #	90
67) 1,3,5-Trichlorobenzene	12.69	180	52344	0.881	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	40046	0.890	ug/L	100
69) Naphthalene	13.55	128	46058	0.758	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	36854	0.877	ug/L	99

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

