

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008733.D
 Acq On : 28 Nov 2018 13:23
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Nov 29 02:07:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 02:03:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172527	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49764	6.07	ug/L	0.00
7) Chloroethane-d5	1.59	69	35928	5.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	92301	5.65	ug/L	0.00
20) 2-Butanone-d5	3.96	46	132498	48.21	ug/L	0.00
24) Chloroform-d	4.41	84	113294	5.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	55689	5.16	ug/L	0.00
32) Benzene-d6	5.10	84	231670	5.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	69025	5.11	ug/L	0.00
41) Toluene-d8	7.36	98	213066	5.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	25592	5.00	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	96534	42.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46874	4.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	70977	5.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	74451	5.180 ug/L	100
3) Chloromethane	1.25	50	59870	4.992 ug/L	100
5) Vinyl chloride	1.33	62	58975	5.302 ug/L	100
6) Bromomethane	1.54	94	35388	5.109 ug/L	100
8) Chloroethane	1.60	64	29879	4.701 ug/L	100
9) Trichlorofluoromethane	1.77	101	85896	5.537 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48930	5.443 ug/L	100
12) 1,1-Dichloroethene	2.14	96	43501	5.315 ug/L	100
13) Acetone	2.21	43	64961	46.070 ug/L	100
14) Carbon disulfide	2.32	76	131919	5.177 ug/L	100
15) Methyl Acetate	2.47	43	16542	4.645 ug/L	100
16) Methylene chloride	2.54	84	44840	4.570 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	103927	4.892 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	47151	5.308 ug/L	100
19) 1,1-Dichloroethane	3.23	63	106555	4.885 ug/L	100
21) 2-Butanone	4.05	43	137670	43.879 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	63326	4.856 ug/L	100
23) Bromochloromethane	4.31	128	26016	5.162 ug/L	100
25) Chloroform	4.43	83	107388	3.928 ug/L	100
27) 1,2-Dichloroethane	5.19	62	63578	4.657 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	95538	4.810 ug/L	100
30) Cyclohexane	4.73	56	100343	4.582 ug/L	100
31) Carbon tetrachloride	4.88	117	79557	4.725 ug/L	100
33) Benzene	5.15	78	235013	4.723 ug/L	100
34) Trichloroethene	5.96	95	65267	4.903 ug/L	100
35) Methylcyclohexane	6.18	83	105592	4.740 ug/L	100
37) 1,2-Dichloropropane	6.23	63	61390	4.715 ug/L	100
38) Bromodichloromethane	6.56	83	68187	4.312 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	81271	4.619 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	317383	42.319 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	248682	4.788	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	63284	4.496	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	39990	4.798	ug/L	100
47) Tetrachloroethene	8.02	164	50337	5.173	ug/L	100
48) 2-Hexanone	8.19	43	222196	43.936	ug/L	100
49) Dibromochloromethane	8.29	129	41898	4.484	ug/L	100
50) 1,2-Dibromoethane	8.40	107	36963	4.921	ug/L	100
51) Chlorobenzene	8.93	112	161765	4.988	ug/L	100
52) Ethylbenzene	9.06	91	269790	4.729	ug/L	100
53) m,p-xylene	9.18	106	103206	4.868	ug/L	100
54) o-xylene	9.59	106	98859	4.804	ug/L	100
55) Styrene	9.60	104	163272	4.908	ug/L	100
56) Isopropylbenzene	9.98	105	261672	4.745	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	43804	4.523	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	33668	4.568	ug/L	100
61) Bromoform	9.78	173	21141	4.467	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	118042	4.856	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	119627	4.961	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	112185	4.839	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	6455	4.454	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	86895	4.891	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	64706	4.583	ug/L	100
69) Naphthalene	13.56	128	92011	4.141	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	59912	4.604	ug/L	100

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

