

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008666.D
 Acq On : 20 Nov 2018 11:21
 Operator : SY/MD
 Sample : VSTD00569
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00569

Manual Integrations
 APPROVED

apatel
 11/21/2018 11:56:20 AM

Quant Time: Nov 21 01:09:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:02:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	266049	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246066	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9298	5.28	ug/L	0.00
7) Chloroethane-d5	1.59	69	6971	6.21	ug/L	0.03
11) 1,1-Dichloroethene-d2	2.14	63	15987	5.22	ug/L	0.01
21) 2-Butanone-d5	3.94	46	14467	9.57	ug/L	0.00
24) Chloroform-d	4.41	84	19178	4.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	12649	5.08	ug/L	0.00
32) Benzene-d6	5.10	84	38585	4.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12039	4.71	ug/L	0.00
41) Toluene-d8	7.36	98	33329	4.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5026	4.17	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	8367	7.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15191	4.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11506	4.94	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	11229	5.37	ug/L	98
3) Chloromethane	1.26	50	11246	6.09	ug/L	97
5) Vinyl chloride	1.32	62	10031	5.45	ug/L	96
6) Bromomethane	1.54	94	5419	9.12	ug/L	99
8) Chloroethane	1.60	64	6210	6.27	ug/L	99
9) Trichlorofluoromethane	1.77	101	13813	5.52	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7730	5.38	ug/L	96
12) 1,1-Dichloroethene	2.14	96	7165	5.64	ug/L #	82
13) Acetone	2.19	43	16183	13.17	ug/L	99
14) Carbon disulfide	2.32	76	27527	5.33	ug/L	100
15) Methyl Acetate	2.46	43	11801	5.24	ug/L	98
16) Methylene chloride	2.54	84	11028	5.38	ug/L	95
17) trans-1,2-Dichloroethene	2.79	96	9481	5.19	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	31185	5.02	ug/L	99
19) 1,1-Dichloroethane	3.23	63	18249	5.24	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	11087	5.38	ug/L	79
22) 2-Butanone	4.02	43	19268	11.37	ug/L	93
23) Bromochloromethane	4.31	128	5373	5.46	ug/L	82
25) Chloroform	4.43	83	20553	5.30	ug/L	93
27) 1,2-Dichloroethane	5.18	62	14973	5.30	ug/L	99
29) Cyclohexane	4.73	56	16331m	4.66	ug/L	
30) 1,1,1-Trichloroethane	4.66	97	15494	4.98	ug/L	97
31) Carbon tetrachloride	4.88	117	12760	4.76	ug/L	99
33) Benzene	5.15	78	39707	5.05	ug/L	100
34) Trichloroethene	5.96	95	10960	5.28	ug/L	95
35) Methylcyclohexane	6.18	83	17325	4.92	ug/L	99
37) 1,2-Dichloropropane	6.22	63	10880	5.10	ug/L #	95
38) Bromodichloromethane	6.56	83	12679	4.77	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	14160	4.38	ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	28103	9.73	ug/L	95

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42) Toluene	7.43	91	39820	4.86	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	12082	4.11	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	9785	5.11	ug/L	93
46) Tetrachloroethene	8.02	164	7498	5.05	ug/L	96
48) 2-Hexanone	8.18	43	19977	8.93	ug/L	96
49) Dibromochloromethane	8.29	129	9003	4.50	ug/L	95
50) 1,2-Dibromoethane	8.40	107	9995	5.03	ug/L #	98
51) Chlorobenzene	8.93	112	25827	5.02	ug/L	95
52) Ethylbenzene	9.06	91	43768	4.85	ug/L	99
53) m,p-Xylene	9.18	106	15444	4.67	ug/L	91
54) o-xylene	9.59	106	15995	4.88	ug/L	91
55) Styrene	9.61	104	24908	4.61	ug/L	100
56) Isopropylbenzene	9.98	105	40984	4.75	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	16227	5.19	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	13035	5.05	ug/L	98
61) Bromoform	9.78	173	5649	4.64	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	17528	5.14	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	18329	5.35	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	18366	5.27	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	2854	4.70	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	11487	4.90	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	7070	3.85	ug/L	97
69) Naphthalene	13.56	128	16981	3.19	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7521	4.06	ug/L	97

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

