

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008669.D
 Acq On : 20 Nov 2018 12:33
 Operator : SY/MD
 Sample : VSTD10072
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10072

Quant Time: Nov 21 01:06:09 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	265477	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192135	109.31	ug/L	0.00
7) Chloroethane-d5	1.55	69	91121	81.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	311221	101.88	ug/L	0.00
21) 2-Butanone-d5	3.93	46	330631	219.07	ug/L	0.00
24) Chloroform-d	4.41	84	391902	101.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	248100	99.90	ug/L	0.00
32) Benzene-d6	5.10	84	802087	100.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	249354	97.31	ug/L	0.00
41) Toluene-d8	7.36	98	731883	101.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	118790	98.31	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	246313	224.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	348543	105.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	274918	96.57	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	207239	99.40	ug/L	100
3) Chloromethane	1.25	50	202303	109.87	ug/L	98
5) Vinyl chloride	1.32	62	202075	110.10	ug/L	98
6) Bromomethane	1.51	94	57688	97.32	ug/L	100
8) Chloroethane	1.57	64	101334	102.49	ug/L	95
9) Trichlorofluoromethane	1.76	101	257395	103.13	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	146184	102.01	ug/L	99
12) 1,1-Dichloroethene	2.14	96	132844	104.76	ug/L	93
13) Acetone	2.19	43	296917	242.08	ug/L	100
14) Carbon disulfide	2.31	76	522365	101.35	ug/L	99
15) Methyl Acetate	2.46	43	243063	108.09	ug/L	100
16) Methylene chloride	2.53	84	201044	98.31	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	184953	101.41	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	630239	101.74	ug/L	99
19) 1,1-Dichloroethane	3.23	63	354662	102.05	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	213731	103.92	ug/L	94
22) 2-Butanone	4.02	43	388131	229.57	ug/L	99
23) Bromochloromethane	4.30	128	101358	103.24	ug/L	97
25) Chloroform	4.43	83	364032	94.03	ug/L	98
27) 1,2-Dichloroethane	5.18	62	292375	103.78	ug/L	100
29) Cyclohexane	4.73	56	336291	95.72	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	309676	99.16	ug/L	100
31) Carbon tetrachloride	4.88	117	258107	95.93	ug/L	99
33) Benzene	5.15	78	802516	101.69	ug/L	100
34) Trichloroethene	5.96	95	206526	99.15	ug/L	95
35) Methylcyclohexane	6.18	83	347166	98.20	ug/L	99
37) 1,2-Dichloropropane	6.23	63	214809	100.33	ug/L	99
38) Bromodichloromethane	6.56	83	262197	98.24	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	327312	100.81	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	629400	217.05	ug/L	99

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42) Toluene	7.43	91	843924	102.60	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	302050	102.30	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	196788	102.49	ug/L	98
46) Tetrachloroethene	8.02	164	151818	101.81	ug/L	99
48) 2-Hexanone	8.19	43	515849	229.80	ug/L	100
49) Dibromochloromethane	8.29	129	204992	102.10	ug/L	100
50) 1,2-Dibromoethane	8.40	107	211141	105.85	ug/L	98
51) Chlorobenzene	8.93	112	531003	102.87	ug/L	99
52) Ethylbenzene	9.06	91	931343	102.83	ug/L	100
53) m,p-Xylene	9.18	106	345504	104.09	ug/L	100
54) o-xylene	9.59	106	340778	103.56	ug/L	97
55) Styrene	9.61	104	588300	108.56	ug/L	99
56) Isopropylbenzene	9.98	105	902183	104.15	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	341194	108.66	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	277093	107.05	ug/L	98
61) Bromoform	9.78	173	140557	94.55	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	412289	98.90	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	419705	100.29	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	427431	100.27	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	72818	98.06	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	299544	104.53	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	250946	111.85	ug/L	99
69) Naphthalene	13.55	128	778898	119.90	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	256078	113.10	ug/L	100

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

