

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007292.D
 Acq On : 31 Aug 2018 10:57
 Operator : SY/MD
 Sample : VSTD10074
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10074

Quant Time: Aug 31 23:39:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:38:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	657148	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	633897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	320395	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	384697	86.18	ug/L	0.00
7) Chloroethane-d5	1.58	69	236836	68.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	707241	89.78	ug/L	0.00
21) 2-Butanone-d5	3.96	46	630947	186.53	ug/L	0.00
24) Chloroform-d	4.41	84	815946	92.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	490762	91.83	ug/L	0.00
32) Benzene-d6	5.10	84	1688299	94.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	541171	92.34	ug/L	0.00
41) Toluene-d8	7.36	98	1576522	100.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	254618	99.24	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	458232	242.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	741650	94.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	603946	91.13	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	487832	93.44	ug/L	# 86
3) Chloromethane	1.26	50	530205	86.38	ug/L	99
5) Vinyl chloride	1.32	62	518102	94.56	ug/L	100
6) Bromomethane	1.53	94	241639	125.70	ug/L	100
8) Chloroethane	1.59	64	218116	70.54	ug/L	97
9) Trichlorofluoromethane	1.76	101	648156	93.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	400129	94.36	ug/L	99
12) 1,1-Dichloroethene	2.14	96	376294	93.04	ug/L	90
13) Acetone	2.21	43	491504	189.27	ug/L	100
14) Carbon disulfide	2.32	76	1128058	91.40	ug/L	100
15) Methyl Acetate	2.47	43	424331	94.24	ug/L	99
16) Methylene chloride	2.54	84	436647	95.01	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	413008	94.48	ug/L	98
18) Methyl tert-butyl Ether	2.82	73	1284737	98.04	ug/L	100
19) 1,1-Dichloroethane	3.23	63	833669	93.92	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	497072	97.95	ug/L	96
22) 2-Butanone	4.04	43	774195	195.78	ug/L	99
23) Bromochloromethane	4.31	128	246554	94.87	ug/L	94
25) Chloroform	4.43	83	828817	95.28	ug/L	98
27) 1,2-Dichloroethane	5.19	62	625615	97.18	ug/L	99
29) Cyclohexane	4.73	56	743079	103.78	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	700114	96.33	ug/L	99
31) Carbon tetrachloride	4.88	117	607439	97.36	ug/L	99
33) Benzene	5.15	78	1934573	98.58	ug/L	100
34) Trichloroethene	5.96	95	457172	95.74	ug/L	99
35) Methylcyclohexane	6.18	83	806962	106.27	ug/L	97
37) 1,2-Dichloropropane	6.23	63	508595	97.70	ug/L	99
38) Bromodichloromethane	6.56	83	621265	97.41	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	765610	104.54	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	1245019	204.03	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1994184	104.68	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	709708	104.76	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	471129	97.47	ug/L	99
46) Tetrachloroethene	8.02	164	388607	98.58	ug/L	97
48) 2-Hexanone	8.20	43	1014922	208.88	ug/L	99
49) Dibromochloromethane	8.30	129	504432	101.46	ug/L	100
50) 1,2-Dibromoethane	8.40	107	477119	98.12	ug/L	99
51) Chlorobenzene	8.93	112	1270789	98.66	ug/L	100
52) Ethylbenzene	9.06	91	2139769	107.98	ug/L	99
53) m,p-Xylene	9.19	106	824898	109.83	ug/L	100
54) o-xylene	9.59	106	801217	110.75	ug/L	100
55) Styrene	9.61	104	1428396	114.41	ug/L	97
56) Isopropylbenzene	9.98	105	2069942	112.11	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	762702	96.07	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	602306	94.99	ug/L	99
61) Bromoform	9.78	173	373311	96.78	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	926299	95.50	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	995460	94.86	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	1004185	96.15	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	157538	103.40	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	734645	102.73	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	622368	114.37	ug/L	99
69) Naphthalene	13.56	128	2003305	130.97	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	683272	116.02	ug/L	100

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

