

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110618\
 Data File : VV008537.D
 Acq On : 06 Nov 2018 17:49
 Operator : SY/MD
 Sample : VSTD00572
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00572

Quant Time: Nov 07 08:55:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 07 08:48:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269653	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101506	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4693	2.74	ug/L	0.00
7) Chloroethane-d5	1.57	69	4091	4.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11168	4.05	ug/L	0.00
21) 2-Butanone-d5	3.94	46	14413	8.68	ug/L	0.00
24) Chloroform-d	4.41	84	15160	4.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	10462	4.16	ug/L	0.00
32) Benzene-d6	5.10	84	27421	3.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9850	3.90	ug/L	0.00
41) Toluene-d8	7.36	98	23376	3.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4120	3.21	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	11010	8.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	14379	4.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	10060	4.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11322	5.693	ug/L 96
3) Chloromethane	1.25	50	11800	5.883	ug/L 98
5) Vinyl chloride	1.33	62	10539	5.644	ug/L 95
6) Bromomethane	1.52	94	3453	7.408	ug/L 96
8) Chloroethane	1.59	64	5617	5.884	ug/L 95
9) Trichlorofluoromethane	1.77	101	13942	6.174	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7765	6.423	ug/L 95
12) 1,1-Dichloroethene	2.14	96	7171	6.434	ug/L 85
13) Acetone	2.19	43	15847	11.537	ug/L 97
14) Carbon disulfide	2.32	76	29273	5.449	ug/L 98
15) Methyl Acetate	2.46	43	13330	5.865	ug/L 96
16) Methylene chloride	2.54	84	11093	5.763	ug/L 94
17) trans-1,2-Dichloroethene	2.79	96	10376	5.984	ug/L 91
18) Methyl tert-butyl Ether	2.81	73	34302	5.635	ug/L 98
19) 1,1-Dichloroethane	3.24	63	20322	5.881	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	11656	5.844	ug/L 94
22) 2-Butanone	4.03	43	20658	11.196	ug/L 97
23) Bromochloromethane	4.31	128	5367	5.886	ug/L 97
25) Chloroform	4.43	83	19822	5.797	ug/L 98
27) 1,2-Dichloroethane	5.18	62	16205	5.819	ug/L 99
29) Cyclohexane	4.73	56	18354	5.501	ug/L # 88
30) 1,1,1-Trichloroethane	4.67	97	17283	5.866	ug/L 97
31) Carbon tetrachloride	4.88	117	14205	5.647	ug/L 97
33) Benzene	5.15	78	40497	5.420	ug/L 100
34) Trichloroethene	5.96	95	10799	5.606	ug/L 94
35) Methylcyclohexane	6.18	83	17966	5.459	ug/L 97
37) 1,2-Dichloropropane	6.23	63	11549	5.571	ug/L # 94
38) Bromodichloromethane	6.56	83	14044	5.447	ug/L 96
39) cis-1,3-Dichloropropene	7.08	75	16177	4.987	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	35000	11.412	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	43012	5.567	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	13896	4.559	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	9993	5.525	ug/L	98
46) Tetrachloroethene	8.02	164	7457	5.642	ug/L	93
48) 2-Hexanone	8.19	43	24076	9.731	ug/L	96
49) Dibromochloromethane	8.29	129	9427	4.826	ug/L	95
50) 1,2-Dibromoethane	8.40	107	10844	5.660	ug/L #	94
51) Chlorobenzene	8.93	112	27494	5.650	ug/L	96
52) Ethylbenzene	9.06	91	47396	5.410	ug/L	99
53) m,p-Xylene	9.19	106	16822	5.160	ug/L	97
54) o-xylene	9.59	106	17582	5.464	ug/L	99
55) Styrene	9.61	104	27136	4.967	ug/L	97
56) Isopropylbenzene	9.98	105	45662	5.448	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	16036	4.911	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	14901	5.594	ug/L	99
61) Bromoform	9.78	173	6441	5.543	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	18720	5.870	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	18590	5.794	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	18896	5.939	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3247	5.162	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	11520	5.517	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	7310	4.508	ug/L	98
69) Naphthalene	13.56	128	20132	4.071	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7588	4.633	ug/L	97

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

