

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007732.D
 Acq On : 22 Sep 2018 13:59
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Sep 24 02:13:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:11:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193880	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10288	10.66	ug/L	0.00
7) Chloroethane-d5	1.59	69	9226	10.30	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	23940	9.98	ug/L	0.00
21) 2-Butanone-d5	3.96	46	13171	19.03	ug/L	0.00
24) Chloroform-d	4.41	84	21441	10.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	13727	9.98	ug/L	0.00
32) Benzene-d6	5.11	84	40801	10.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	12266	10.40	ug/L	0.00
41) Toluene-d8	7.36	98	42158	10.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5430	9.29	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9734	17.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18055	9.19	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	19858	10.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13658	9.830	ug/L 99
3) Chloromethane	1.26	50	11173	10.268	ug/L 95
5) Vinyl chloride	1.33	62	12564	10.098	ug/L 100
6) Bromomethane	1.54	94	9731	13.267	ug/L 97
8) Chloroethane	1.60	64	8588	9.661	ug/L 100
9) Trichlorofluoromethane	1.78	101	26413	10.004	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	15010	10.014	ug/L 98
12) 1,1-Dichloroethene	2.15	96	12967	9.815	ug/L 96
13) Acetone	2.20	43	16995	25.129	ug/L 100
14) Carbon disulfide	2.33	76	31545	9.749	ug/L 99
15) Methyl Acetate	2.47	43	13606	10.379	ug/L 99
16) Methylene chloride	2.54	84	14554	9.987	ug/L 98
17) trans-1,2-Dichloroethene	2.80	96	14798	10.269	ug/L 97
18) Methyl tert-butyl Ether	2.82	73	43268	9.812	ug/L 97
19) 1,1-Dichloroethane	3.24	63	18772	10.031	ug/L 95
20) cis-1,2-Dichloroethene	3.97	96	12892	9.793	ug/L 98
22) 2-Butanone	4.04	43	16859	21.386	ug/L 99
23) Bromochloromethane	4.31	128	7336	10.184	ug/L 97
25) Chloroform	4.44	83	21824	9.238	ug/L 97
27) 1,2-Dichloroethane	5.19	62	18285	10.297	ug/L 97
29) Cyclohexane	4.73	56	16435	10.041	ug/L 99
30) 1,1,1-Trichloroethane	4.67	97	20387	10.176	ug/L 96
31) Carbon tetrachloride	4.88	117	17890	10.017	ug/L 97
33) Benzene	5.15	78	44960	10.079	ug/L 100
34) Trichloroethene	5.96	95	13317	10.383	ug/L 96
35) Methylcyclohexane	6.18	83	19381	9.784	ug/L 96
37) 1,2-Dichloropropane	6.23	63	11346	10.111	ug/L 100
38) Bromodichloromethane	6.56	83	14695	9.657	ug/L 98
39) cis-1,3-Dichloropropene	7.08	75	16471	9.459	ug/L 96
40) 4-Methyl-2-pentanone	7.28	43	29769	19.854	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	52803	10.130	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	14644	8.879	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	12476	9.947	ug/L	97
46) Tetrachloroethene	8.02	164	13891	10.552	ug/L	96
48) 2-Hexanone	8.19	43	22835	19.470	ug/L	95
49) Dibromochloromethane	8.30	129	12663	8.933	ug/L	96
50) 1,2-Dibromoethane	8.40	107	13322	9.675	ug/L	96
51) Chlorobenzene	8.93	112	38255	10.192	ug/L	99
52) Ethylbenzene	9.06	91	57405	9.636	ug/L	99
53) m,p-Xylene	9.19	106	22963	9.702	ug/L	94
54) o-xylene	9.59	106	22224	9.459	ug/L	98
55) Styrene	9.61	104	36497	9.168	ug/L	99
56) Isopropylbenzene	9.98	105	58981	9.426	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	19766	9.359	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	15423	9.310	ug/L	98
61) Bromoform	9.78	173	9487	9.154	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	32090	10.276	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	33111	10.396	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	32771	10.082	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3333	8.687	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.70	180	25608	10.330	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	22643	11.015	ug/L	99
69) Naphthalene	13.56	128	56783	10.707	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	23727	11.190	ug/L	97

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

