

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008904.D
 Acq On : 13 Dec 2018 12:25
 Operator : SY/MD
 Sample : VSTD01071
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01071

Quant Time: Dec 14 00:24:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:21:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205429	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12395	8.81	ug/L	0.00
7) Chloroethane-d5	1.56	69	6736	8.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	29016	11.81	ug/L	0.00
21) 2-Butanone-d5	3.94	46	15389	13.93	ug/L	0.00
24) Chloroform-d	4.41	84	25792	8.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	16138	8.79	ug/L	0.00
32) Benzene-d6	5.10	84	50369	8.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	15109	8.59	ug/L	0.00
41) Toluene-d8	7.36	98	46474	9.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	7208	8.89	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9955	12.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	18844	7.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	17296	9.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14386	8.875 ug/L	98
3) Chloromethane	1.25	50	12248	7.909 ug/L	94
5) Vinyl chloride	1.33	62	12812	8.447 ug/L	96
6) Bromomethane	1.51	94	5956	10.715 ug/L	96
8) Chloroethane	1.57	64	5761	7.814 ug/L	89
9) Trichlorofluoromethane	1.75	101	22802	10.940 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	14073	11.641 ug/L	97
12) 1,1-Dichloroethene	2.14	96	13141	12.106 ug/L	91
13) Acetone	2.19	43	23300	20.079 ug/L	96
14) Carbon disulfide	2.31	76	36884	9.255 ug/L	100
15) Methyl Acetate	2.46	43	14644	8.419 ug/L	97
16) Methylene chloride	2.53	84	14859	9.386 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	12804	8.991 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	39716	8.424 ug/L	97
19) 1,1-Dichloroethane	3.23	63	22703	8.434 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	14872	9.080 ug/L	94
22) 2-Butanone	4.02	43	19650	14.048 ug/L	97
23) Bromochloromethane	4.30	128	7597	9.462 ug/L	94
25) Chloroform	4.43	83	25369	8.897 ug/L	99
27) 1,2-Dichloroethane	5.18	62	19793	9.000 ug/L	97
29) Cyclohexane	4.73	56	19586	8.088 ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	22358	9.670 ug/L	98
31) Carbon tetrachloride	4.87	117	20642	10.580 ug/L	96
33) Benzene	5.15	78	52831	8.989 ug/L	100
34) Trichloroethene	5.96	95	15186	9.670 ug/L	98
35) Methylcyclohexane	6.18	83	20142	7.860 ug/L	95
37) 1,2-Dichloropropane	6.22	63	13731	8.706 ug/L	# 93
38) Bromodichloromethane	6.56	83	17717	9.179 ug/L	92
39) cis-1,3-Dichloropropene	7.07	75	20647	9.076 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	30993	14.448 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	54251	8.857	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	18759	8.994	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	13586	9.262	ug/L	98
46) Tetrachloroethene	8.02	164	11876	10.248	ug/L	94
48) 2-Hexanone	8.19	43	24287	14.276	ug/L	97
49) Dibromochloromethane	8.29	129	14917	9.944	ug/L	96
50) 1,2-Dibromoethane	8.40	107	13891	9.028	ug/L #	92
51) Chlorobenzene	8.93	112	37616	9.534	ug/L	98
52) Ethylbenzene	9.06	91	57814	8.601	ug/L	98
53) m,p-Xylene	9.18	106	21912	8.823	ug/L	95
54) o-xylene	9.59	106	21673	8.756	ug/L	100
55) Styrene	9.61	104	35971	8.733	ug/L	99
56) Isopropylbenzene	9.98	105	56267	8.642	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	19009	7.826	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	16600	8.352	ug/L	96
61) Bromoform	9.78	173	10543	11.387	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	25524	9.396	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	26027	9.425	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	25935	9.237	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3317	7.531	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	14170	7.586	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	7481	5.409	ug/L	97
69) Naphthalene	13.55	128	20427	5.396	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	7416	5.210	ug/L	93

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

