

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009854.D
 Acq On : 25 Mar 2019 11:47
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Quant Time: Mar 26 06:01:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 05:58:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	173743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18417	14.14	ug/L	0.00
7) Chloroethane-d5	1.56	69	20750	17.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	54007	19.60	ug/L	0.00
21) 2-Butanone-d5	3.94	46	15607	18.33	ug/L	0.00
24) Chloroform-d	4.40	84	24493	11.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	16204	12.39	ug/L	0.00
32) Benzene-d6	5.10	84	48983	10.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	15740	11.32	ug/L	0.00
41) Toluene-d8	7.36	98	45284	10.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5890	8.87	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	10430	15.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22057	10.30	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	16948	11.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14915	10.150 ug/L	98
3) Chloromethane	1.25	50	16813	11.580 ug/L	99
5) Vinyl chloride	1.33	62	22850	13.931 ug/L	98
6) Bromomethane	1.51	94	19354	19.187 ug/L	98
8) Chloroethane	1.58	64	18495	17.116 ug/L	99
9) Trichlorofluoromethane	1.76	101	47766	19.214 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	26292	18.105 ug/L	97
12) 1,1-Dichloroethene	2.14	96	24086	17.387 ug/L	91
13) Acetone	2.19	43	19335	21.822 ug/L	94
14) Carbon disulfide	2.32	76	27951	8.322 ug/L	97
15) Methyl Acetate	2.46	43	11808	9.188 ug/L	94
16) Methylene chloride	2.54	84	14083	10.718 ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	11636	9.641 ug/L	93
18) Methyl tert-butyl Ether	2.81	73	34085	9.655 ug/L	97
19) 1,1-Dichloroethane	3.23	63	21967	10.302 ug/L	92
20) cis-1,2-Dichloroethene	3.96	96	12871	9.652 ug/L	95
22) 2-Butanone	4.02	43	17684	16.996 ug/L	100
23) Bromochloromethane	4.30	128	7237	10.239 ug/L	92
25) Chloroform	4.43	83	23190	10.378 ug/L	98
27) 1,2-Dichloroethane	5.18	62	19652	12.080 ug/L #	95
29) Cyclohexane	4.72	56	17836	9.770 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	18830	10.281 ug/L	98
31) Carbon tetrachloride	4.88	117	15394	9.527 ug/L #	63
33) Benzene	5.15	78	48499	9.993 ug/L	100
34) Trichloroethene	5.96	95	12236	9.576 ug/L	97
35) Methylcyclohexane	6.18	83	19019	9.499 ug/L	95
37) 1,2-Dichloropropane	6.23	63	13062	10.538 ug/L #	90
38) Bromodichloromethane	6.56	83	15136	9.507 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	16574	8.369 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	31472	18.351 ug/L	99

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

42) Toluene	7.43	91	52317	9.822	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	14703	8.563	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	12377	9.734	ug/L	92
46) Tetrachloroethene	8.02	164	8881	8.398	ug/L	86
48) 2-Hexanone	8.19	43	22904	16.117	ug/L #	91
49) Dibromochloromethane	8.29	129	11781	8.429	ug/L	97
50) 1,2-Dibromoethane	8.40	107	12853	9.208	ug/L #	95
51) Chlorobenzene	8.93	112	34893	9.890	ug/L	99
52) Ethylbenzene	9.06	91	55343	9.526	ug/L	98
53) m,p-Xylene	9.18	106	20575	9.207	ug/L	90
54) o-xylene	9.59	106	20923	9.439	ug/L	92
55) Styrene	9.60	104	31581	8.458	ug/L	100
56) Isopropylbenzene	9.98	105	52374	9.178	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	21160	9.581	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	15932	9.493	ug/L	99
61) Bromoform	9.77	173	7145	7.991	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	22740	9.805	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	24604	10.186	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	25541	10.710	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3113	8.182	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	15767	8.872	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	11810	7.676	ug/L	90
69) Naphthalene	13.55	128	24339	5.089	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	11653	7.264	ug/L	99

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

