

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012726.D
 Acq On : 13 Sep 2019 09:32
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01064

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:21:33 PM

Quant Time: Sep 13 18:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 18:23:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	700755	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	681894	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	297236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53979	13.59	ug/L	0.00
7) Chloroethane-d5	1.58	69	49932	14.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	97201	12.58	ug/L	0.00
21) 2-Butanone-d5	3.93	46	98746	23.98	ug/L	0.00
24) Chloroform-d	4.40	84	128449	13.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	79603	13.34	ug/L	0.00
32) Benzene-d6	5.10	84	231022	12.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	83170	12.95	ug/L	0.00
41) Toluene-d8	7.36	98	200835	12.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	31650	11.83	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	42316	17.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92319	11.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	87649	12.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	39981	8.522 ug/L	100
3) Chloromethane	1.25	50	41766	8.532 ug/L	98
5) Vinyl chloride	1.32	62	43966	8.982 ug/L	98
6) Bromomethane	1.53	94	24363	8.849 ug/L	97
8) Chloroethane	1.60	64	26412	8.638 ug/L	100
9) Trichlorofluoromethane	1.77	101	58678	8.543 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35605	8.397 ug/L	98
12) 1,1-Dichloroethene	2.14	96	32120m	8.696 ug/L	
13) Acetone	2.19	43	63794	18.765 ug/L	98
14) Carbon disulfide	2.32	76	67281	8.347 ug/L	100
15) Methyl Acetate	2.46	43	45240	8.383 ug/L	98
16) Methylene chloride	2.53	84	40390	8.334 ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	31499	7.801 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	105287	7.560 ug/L	99
19) 1,1-Dichloroethane	3.23	63	71783	8.225 ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	38051	7.617 ug/L	98
22) 2-Butanone	4.02	43	63415	15.014 ug/L	95
23) Bromochloromethane	4.30	128	20839	8.211 ug/L	96
25) Chloroform	4.42	83	77546	8.458 ug/L	98
27) 1,2-Dichloroethane	5.18	62	55301	8.059 ug/L	97
29) Cyclohexane	4.73	56	43892	6.780 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	56395	7.909 ug/L	99
31) Carbon tetrachloride	4.88	117	46733	7.612 ug/L	97
33) Benzene	5.15	78	144293	7.779 ug/L	100
34) Trichloroethene	5.96	95	46087	8.548 ug/L	97
35) Methylcyclohexane	6.18	83	46008	6.764 ug/L	95
37) 1,2-Dichloropropane	6.22	63	43447	8.145 ug/L #	97
38) Bromodichloromethane	6.55	83	53050	7.726 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	49436	6.620 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	96913	13.128 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	140954	7.318	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	46223	7.020	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	42201	8.109	ug/L	96
46) Tetrachloroethene	8.02	164	28808	7.703	ug/L	97
48) 2-Hexanone	8.18	43	90885	14.974	ug/L	99
49) Dibromochloromethane	8.29	129	40798	7.482	ug/L	97
50) 1,2-Dibromoethane	8.40	107	38402	7.660	ug/L	94
51) Chlorobenzene	8.92	112	104154	7.892	ug/L	97
52) Ethylbenzene	9.05	91	147117	6.948	ug/L	100
53) m,p-Xylene	9.18	106	51749	6.636	ug/L	98
54) o-xylene	9.59	106	51331	6.484	ug/L	100
55) Styrene	9.60	104	85789	6.389	ug/L	96
56) Isopropylbenzene	9.97	105	132194	6.355	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	49891	7.021	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	52430	7.722	ug/L	99
61) Bromoform	9.77	173	28268	7.876	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	70713	7.702	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	75073	7.972	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76717	7.947	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	8454	6.560	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	49684	7.325	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	37822	6.600	ug/L	99
69) Naphthalene	13.55	128	94417	5.699	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	41563	6.681	ug/L	100

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

