

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013293.D
 Acq On : 23 Oct 2019 10:14
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:45:15 AM

Quant Time: Oct 24 02:29:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 02:21:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1178767	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1123551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	532988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	48693	6.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	38549	6.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	72971	5.45	ug/L	0.00
21) 2-Butanone-d5	3.97	46	49682m	9.23	ug/L	0.02
24) Chloroform-d	4.40	84	101844	6.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	59346	6.67	ug/L	0.00
32) Benzene-d6	5.09	84	194698	6.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	62327	6.61	ug/L	0.00
41) Toluene-d8	7.36	98	167344	6.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24065	5.62	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	25322	7.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	81111	6.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	74072	7.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	60734	6.521	ug/L 98
3) Chloromethane	1.25	50	44906	4.560	ug/L 96
5) Vinyl chloride	1.32	62	46271	4.844	ug/L 91
6) Bromomethane	1.53	94	22697	4.560	ug/L 86
8) Chloroethane	1.60	64	26951	4.834	ug/L 100
9) Trichlorofluoromethane	1.77	101	66422	5.390	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	39551	5.463	ug/L 97
12) 1,1-Dichloroethene	2.13	96	37859	5.397	ug/L 89
13) Acetone	2.21	43	37599	7.802	ug/L 81
14) Carbon disulfide	2.31	76	131714	6.240	ug/L 100
15) Methyl Acetate	2.47	43	42432	4.821	ug/L 96
16) Methylene chloride	2.53	84	51291	5.901	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	46534	5.875	ug/L 95
18) Methyl tert-butyl Ether	2.80	73	126015	5.288	ug/L 98
19) 1,1-Dichloroethane	3.23	63	83819	5.640	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	48674	5.441	ug/L 97
22) 2-Butanone	4.05	43	39058	6.300	ug/L 78
23) Bromochloromethane	4.30	128	26463	5.757	ug/L 90
25) Chloroform	4.42	83	87529	5.826	ug/L 98
27) 1,2-Dichloroethane	5.18	62	59985	5.267	ug/L 96
29) Cyclohexane	4.72	56	63920	4.792	ug/L 98
30) 1,1,1-Trichloroethane	4.65	97	72407	5.783	ug/L 99
31) Carbon tetrachloride	4.87	117	64901	5.817	ug/L 99
33) Benzene	5.14	78	182570	5.360	ug/L 100
34) Trichloroethene	5.96	95	49736	5.501	ug/L 98
35) Methylcyclohexane	6.17	83	67332	4.905	ug/L 97
37) 1,2-Dichloropropane	6.22	63	45826	5.221	ug/L 100
38) Bromodichloromethane	6.55	83	61296	5.453	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	61826	4.767	ug/L 97
40) 4-Methyl-2-pentanone	7.27	43	97051	8.583	ug/L 98

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42) Toluene	7.43	91	180284	5.145	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	53096	4.729	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	46314	5.537	ug/L	93
46) Tetrachloroethene	8.02	164	43621	5.962	ug/L	97
48) 2-Hexanone	8.19	43	79467	8.923	ug/L #	89
49) Dibromochloromethane	8.29	129	50157	5.456	ug/L	98
50) 1,2-Dibromoethane	8.39	107	47543	5.405	ug/L	91
51) Chlorobenzene	8.92	112	128659	5.559	ug/L	96
52) Ethylbenzene	9.05	91	181324	4.842	ug/L	99
53) m,p-Xylene	9.18	106	67444	4.759	ug/L	98
54) o-xylene	9.59	106	64478	4.568	ug/L	94
55) Styrene	9.60	104	105529	4.513	ug/L	100
56) Isopropylbenzene	9.97	105	166287	4.585	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	70466	5.737	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	59486	5.561	ug/L	97
61) Bromoform	9.77	173	38633	5.774	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	95260	5.536	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	103316	5.967	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	100371	5.733	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	14511	5.775	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	69389	5.610	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	54081	5.112	ug/L	98
69) Naphthalene	13.55	128	129511	4.452	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	59408	5.244	ug/L	100

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

