

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062719\
 Data File : VU033054.D
 Acq On : 27 Jun 2019 10:05
 Operator : JC/SP
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Manual Integrations
 APPROVED

MMDadoda
 6/28/2019 1:58:41 PM

Quant Time: Jun 28 01:49:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 28 01:32:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89743	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5896	0.99	ug/L	0.00
7) Chloroethane-d5	1.68	69	4761	0.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	13062	1.01	ug/L	0.00
20) 2-Butanone-d5	4.20	46	17673	9.75	ug/L	0.01
24) Chloroform-d	4.64	84	12319	0.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7101	1.00	ug/L	0.00
32) Benzene-d6	5.33	84	21689	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	7509	1.03	ug/L	0.00
41) Toluene-d8	7.56	98	20432	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2763	0.91	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	10315	8.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6111	0.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	8726	0.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	9638	1.043	ug/L 98
3) Chloromethane	1.32	50	9231	1.061	ug/L 97
5) Vinyl chloride	1.40	62	9216	1.050	ug/L 96
6) Bromomethane	1.63	94	4730	1.028	ug/L 99
8) Chloroethane	1.70	64	5439	1.069	ug/L 89
9) Trichlorofluoromethane	1.88	101	12579	1.011	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	6488	1.008	ug/L 98
12) 1,1-Dichloroethene	2.28	96	6113	1.023	ug/L 95
13) Acetone	2.33	43	17116	11.200	ug/L 99
14) Carbon disulfide	2.47	76	20440	1.028	ug/L 96
15) Methyl Acetate	2.62	43	3790	1.072	ug/L 99
16) Methylene chloride	2.69	84	7246	1.058	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	17255	1.030	ug/L 95
18) trans-1,2-Dichloroethene	2.97	96	6997	1.070	ug/L 98
19) 1,1-Dichloroethane	3.43	63	13259	1.032	ug/L 97
21) 2-Butanone	4.28	43	22490	10.455	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	7202	1.014	ug/L 100
23) Bromochloromethane	4.54	128	3407	1.081	ug/L 96
25) Chloroform	4.67	83	13999	1.072	ug/L 96
27) 1,2-Dichloroethane	5.40	62	9072	1.014	ug/L 96
29) 1,1,1-Trichloroethane	4.90	97	12374	1.080	ug/L 99
30) Cyclohexane	4.98	56	10319	0.972	ug/L 97
31) Carbon tetrachloride	5.13	117	10985	1.054	ug/L 98
33) Benzene	5.38	78	27081	1.018	ug/L 100
34) Trichloroethene	6.18	95	7670	1.053	ug/L 93
35) Methylcyclohexane	6.40	83	10784	0.995	ug/L 98
37) 1,2-Dichloropropane	6.43	63	6852	0.961	ug/L # 94
38) Bromodichloromethane	6.75	83	9688	1.030	ug/L # 99
39) cis-1,3-Dichloropropene	7.27	75	10725	1.031	ug/L 92
40) 4-Methyl-2-pentanone	7.46	43	48449	9.856	ug/L 99

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42) Toluene	7.63	91	28214	0.993	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	8458	0.998	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	5271	1.054	ug/L	98
47) Tetrachloroethene	8.22	164	5894	1.006	ug/L	90
48) 2-Hexanone	8.36	43	33978	9.660	ug/L	97
49) Dibromochloromethane	8.47	129	6382	1.006	ug/L	98
50) 1,2-Dibromoethane	8.58	107	4809	0.986	ug/L #	95
51) Chlorobenzene	9.11	112	20256	1.079	ug/L	93
52) Ethylbenzene	9.24	91	30775	0.984	ug/L	99
53) m,p-Xylene	9.37	106	10298	0.907	ug/L	89
54) o-Xylene	9.77	106	10584	0.957	ug/L	97
55) Styrene	9.79	104	16919	0.903	ug/L	91
56) Isopropylbenzene	10.16	105	28496	0.949	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	6624	1.021	ug/L	92
59) 1,2,3-Trichloropropane	10.49	75	4843	1.015	ug/L	98
61) Bromoform	9.95	173	3743	1.052	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	14941	1.022	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	15933	1.045	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	14453	1.020	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	941	0.965	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	12024	1.032	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	7378	0.886	ug/L	94
69) Naphthalene	13.75	128	9400m	0.847	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	7385	0.905	ug/L #	92

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

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