

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032422.D
 Acq On : 04 Jun 2019 12:50
 Operator : JC/SP
 Sample : VSTD00110
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00110

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 10:51:42 AM

Quant Time: Jun 04 22:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:32:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	102867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96534	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	6541	0.81	ug/L	0.00
7) Chloroethane-d5	1.68	69	5010	0.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	13091	0.78	ug/L	0.00
20) 2-Butanone-d5	4.21	46	17709	9.14	ug/L	0.00
24) Chloroform-d	4.64	84	11000	0.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	5935	0.95	ug/L	0.00
32) Benzene-d6	5.33	84	22651	0.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	6853	0.85	ug/L	0.00
41) Toluene-d8	7.56	98	20776	0.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2854	0.86	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	15065	9.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	5941	0.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	8389	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	9071	1.064 ug/L	98
3) Chloromethane	1.32	50	9522	0.936 ug/L	100
5) Vinyl chloride	1.40	62	9246	0.909 ug/L	96
6) Bromomethane	1.63	94	5472	0.879 ug/L	96
8) Chloroethane	1.70	64	5643	0.887 ug/L	100
9) Trichlorofluoromethane	1.88	101	12905	0.946 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	7051	0.905 ug/L	97
12) 1,1-Dichloroethene	2.28	96	6825	0.897 ug/L	96
13) Acetone	2.35	43	15818	10.127 ug/L	100
14) Carbon disulfide	2.47	76	21286	0.816 ug/L	100
15) Methyl Acetate	2.62	43	4272	0.953 ug/L	98
16) Methylene chloride	2.69	84	7632	0.802 ug/L	90
17) Methyl tert-butyl Ether	3.00	73	19760	0.931 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	7138	0.866 ug/L	96
19) 1,1-Dichloroethane	3.43	63	12744	0.995 ug/L	96
21) 2-Butanone	4.29	43	21482	10.274 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	8028	1.066 ug/L	93
23) Bromochloromethane	4.54	128	3556	1.057 ug/L	98
25) Chloroform	4.67	83	12984	1.040 ug/L	99
27) 1,2-Dichloroethane	5.40	62	8667	1.080 ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	11991	1.104 ug/L	98
30) Cyclohexane	4.98	56	12853	1.027 ug/L	98
31) Carbon tetrachloride	5.13	117	10498	1.096 ug/L	98
33) Benzene	5.38	78	28687	1.009 ug/L	100
34) Trichloroethene	6.18	95	8666	1.096 ug/L	97
35) Methylcyclohexane	6.41	83	13624	1.143 ug/L	99
37) 1,2-Dichloropropane	6.43	63	7194	0.963 ug/L	98
38) Bromodichloromethane	6.76	83	9557	1.059 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	11222	1.041 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	53232	10.692 ug/L	99

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42) Toluene	7.63	91	32433	1.052	ug/L	94
44) trans-1,3-Dichloropropene	7.88	75	8765	1.045	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	5500	1.054	ug/L	96
47) Tetrachloroethene	8.22	164	6427	1.064	ug/L	95
48) 2-Hexanone	8.37	43	37819	10.898	ug/L	98
49) Dibromochloromethane	8.48	129	6872	1.089	ug/L	95
50) 1,2-Dibromoethane	8.58	107	5299	1.047	ug/L #	96
51) Chlorobenzene	9.12	112	20666	1.083	ug/L	96
52) Ethylbenzene	9.25	91	35018	1.063	ug/L	94
53) m,p-Xylene	9.37	106	13395	1.075	ug/L	98
54) o-Xylene	9.77	106	13180	1.086	ug/L	95
55) Styrene	9.79	104	21563	1.063	ug/L	99
56) Isopropylbenzene	10.16	105	34462	1.083	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	7065	1.071	ug/L	93
59) 1,2,3-Trichloropropane	10.49	75	5033	1.082	ug/L	99
61) Bromoform	9.95	173	4057	1.050	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	15780	1.050	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	15931	1.047	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	15351	1.054	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	1016	0.937	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	12690	1.041	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	9050	0.901	ug/L	91
69) Naphthalene	13.75	128	16247m	0.548	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	9667	0.995	ug/L	97

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

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