

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031297.D
 Acq On : 18 Apr 2019 10:34
 Operator : JC/SP
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.503

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 9:52:43 AM

Quant Time: Apr 19 04:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 03:57:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	250922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13408	0.47	ug/L	0.00
7) Chloroethane-d5	1.68	69	10479	0.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	27744	0.50	ug/L	0.00
20) 2-Butanone-d5	4.24	46	21983m	4.06	ug/L	0.03
24) Chloroform-d	4.64	84	15701	0.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	8663	0.45	ug/L	0.00
32) Benzene-d6	5.33	84	29440	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	8604	0.42	ug/L	0.00
41) Toluene-d8	7.56	98	25336	0.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	3304	0.41	ug/L	0.02
46) 2-Hexanone-d5	8.33	63	13930	3.69	ug/L	0.02
57) 1,1,2,2-Tetrachloroethane-	10.43	84	7529	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	9927	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	14748	0.511 ug/L	95
3) Chloromethane	1.32	50	21927	0.561 ug/L	98
5) Vinyl chloride	1.40	62	20068	0.504 ug/L	89
6) Bromomethane	1.63	94	11354	0.515 ug/L	96
8) Chloroethane	1.70	64	12089	0.533 ug/L	89
9) Trichlorofluoromethane	1.88	101	27327	0.546 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	14063	0.520 ug/L	99
12) 1,1-Dichloroethene	2.27	96	15191	0.564 ug/L	91
13) Acetone	2.36	43	31476	5.231 ug/L	98
14) Carbon disulfide	2.47	76	47796	0.532 ug/L	98
15) Methyl Acetate	2.63	43	9517	0.579 ug/L #	74
16) Methylene chloride	2.69	84	22368	0.684 ug/L	93
17) Methyl tert-butyl Ether	3.00	73	38262	0.530 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	16180	0.569 ug/L	92
19) 1,1-Dichloroethane	3.43	63	19218	0.485 ug/L #	96
21) 2-Butanone	4.33	43	33102m	5.326 ug/L	
22) cis-1,2-Dichloroethene	4.22	96	11520	0.524 ug/L	83
23) Bromochloromethane	4.55	128	5005	0.511 ug/L #	90
25) Chloroform	4.67	83	21505	0.551 ug/L	90
27) 1,2-Dichloroethane	5.41	62	12799	0.508 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	16098	0.513 ug/L	99
30) Cyclohexane	4.98	56	16361	0.512 ug/L	97
31) Carbon tetrachloride	5.12	117	15020	0.536 ug/L	91
33) Benzene	5.38	78	41191	0.522 ug/L	100
34) Trichloroethene	6.18	95	12602	0.591 ug/L	88
35) Methylcyclohexane	6.40	83	14415	0.491 ug/L	97
37) 1,2-Dichloropropane	6.43	63	11090	0.533 ug/L #	96
38) Bromodichloromethane	6.76	83	13407	0.516 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	13436m	0.488 ug/L	
40) 4-Methyl-2-pentanone	7.47	43	64618	4.837 ug/L	99

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42) Toluene	7.63	91	37394	0.470	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	11282	0.491	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	8111	0.547	ug/L	97
47) Tetrachloroethene	8.22	164	8469	0.533	ug/L	92
48) 2-Hexanone	8.38	43	44305	4.673	ug/L	93
49) Dibromochloromethane	8.48	129	9223	0.520	ug/L	99
50) 1,2-Dibromoethane	8.58	107	6435	0.458	ug/L	92
51) Chlorobenzene	9.12	112	25832	0.518	ug/L	96
52) Ethylbenzene	9.25	91	38907	0.473	ug/L	98
53) m,p-Xylene	9.37	106	13672	0.463	ug/L	89
54) o-Xylene	9.78	106	13602	0.467	ug/L	97
55) Styrene	9.79	104	19724	0.408	ug/L	90
56) Isopropylbenzene	10.16	105	33923	0.444	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	10257	0.541	ug/L #	89
59) 1,2,3-Trichloropropane	10.49	75	7476	0.551	ug/L	90
61) Bromoform	9.96	173	5053	0.510	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	17460	0.515	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	17899	0.524	ug/L	90
65) 1,2-Dichlorobenzene	11.88	146	18453	0.534	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1345	0.479	ug/L	90
67) 1,3,5-Trichlorobenzene	12.89	180	13856	0.497	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	9166	0.456	ug/L	99
69) Naphthalene	13.75	128	21612m	0.616	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	8937	0.429	ug/L	93

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

