

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031458.D
 Acq On : 24 Apr 2019 09:55
 Operator : JC/SP
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 10:57:16 AM

Quant Time: Apr 25 05:52:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 05:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	379482	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	15059	0.37	ug/L	0.00
7) Chloroethane-d5	1.68	69	10952	0.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	29011	0.37	ug/L	0.00
20) 2-Butanone-d5	4.23	46	35659	4.33	ug/L	0.02
24) Chloroform-d	4.65	84	22915	0.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	12744	0.45	ug/L	0.00
32) Benzene-d6	5.34	84	46465	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	14858	0.48	ug/L	0.00
41) Toluene-d8	7.57	98	39466	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	5466	0.45	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	23505	4.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	11849	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	13375	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	17428	0.421 ug/L	97
3) Chloromethane	1.32	50	21624	0.386 ug/L	97
5) Vinyl chloride	1.40	62	20164	0.357 ug/L	99
6) Bromomethane	1.63	94	10652	0.345 ug/L	94
8) Chloroethane	1.70	64	11296	0.349 ug/L	95
9) Trichlorofluoromethane	1.88	101	24195	0.342 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	14400	0.375 ug/L	92
12) 1,1-Dichloroethene	2.28	96	14146	0.369 ug/L	87
13) Acetone	2.36	43	28930	3.381 ug/L	70
14) Carbon disulfide	2.47	76	45101	0.353 ug/L	96
15) Methyl Acetate	2.64	43	8054m	0.339 ug/L	
16) Methylene chloride	2.70	84	16568	0.354 ug/L	93
17) Methyl tert-butyl Ether	3.00	73	38605	0.371 ug/L #	94
18) trans-1,2-Dichloroethene	2.97	96	14236	0.350 ug/L	89
19) 1,1-Dichloroethane	3.44	63	27281	0.477 ug/L	98
21) 2-Butanone	4.31	43	40967m	4.344 ug/L	
22) cis-1,2-Dichloroethene	4.22	96	14955	0.455 ug/L	95
23) Bromochloromethane	4.55	128	5892	0.406 ug/L	86
25) Chloroform	4.67	83	25167	0.435 ug/L	92
27) 1,2-Dichloroethane	5.41	62	16686	0.446 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	20571	0.444 ug/L	96
30) Cyclohexane	4.99	56	23706	0.483 ug/L	98
31) Carbon tetrachloride	5.13	117	17570	0.423 ug/L	94
33) Benzene	5.39	78	55521	0.470 ug/L	100
34) Trichloroethene	6.18	95	15592	0.485 ug/L	97
35) Methylcyclohexane	6.41	83	20548	0.459 ug/L	98
37) 1,2-Dichloropropane	6.43	63	14907	0.475 ug/L #	93
38) Bromodichloromethane	6.76	83	17070	0.444 ug/L #	99
39) cis-1,3-Dichloropropene	7.27	75	19695	0.470 ug/L	93
40) 4-Methyl-2-pentanone	7.47	43	97220	4.781 ug/L	98

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42) Toluene	7.64	91	52999	0.447	ug/L	91
44) trans-1,3-Dichloropropene	7.89	75	14754	0.429	ug/L	88
45) 1,1,2-Trichloroethane	8.07	97	9385	0.419	ug/L	87
47) Tetrachloroethene	8.22	164	10091	0.427	ug/L	98
48) 2-Hexanone	8.37	43	66278	4.605	ug/L #	92
49) Dibromochloromethane	8.48	129	11648	0.444	ug/L	75
50) 1,2-Dibromoethane	8.59	107	9098	0.431	ug/L	94
51) Chlorobenzene	9.12	112	32139	0.433	ug/L	94
52) Ethylbenzene	9.25	91	57078	0.461	ug/L	93
53) m,p-Xylene	9.38	106	19115	0.431	ug/L	97
54) o-Xylene	9.78	106	18285	0.417	ug/L	95
55) Styrene	9.79	104	28335	0.389	ug/L	95
56) Isopropylbenzene	10.16	105	49171	0.428	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	12526	0.440	ug/L #	98
59) 1,2,3-Trichloropropane	10.49	75	9184	0.449	ug/L	97
61) Bromoform	9.96	173	5751	0.400	ug/L #	99
62) 1,3-Dichlorobenzene	11.42	146	22335	0.449	ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	24398	0.487	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	22511	0.450	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	1915	0.467	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.89	180	16809	0.415	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	12338	0.422	ug/L	95
69) Naphthalene	13.75	128	26100	0.441	ug/L #	88
70) 1,2,3-Trichlorobenzene	13.99	180	12565	0.431	ug/L	99

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

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