

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031265.D
 Acq On : 17 Apr 2019 18:13
 Operator : JC/SP
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.502

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 9:36:09 AM

Quant Time: Apr 18 08:04:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 07:57:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	339759	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13530	0.52	ug/L	0.00
7) Chloroethane-d5	1.68	69	10349	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	27958	0.52	ug/L	0.00
20) 2-Butanone-d5	4.22	46	26330	4.01	ug/L	0.02
24) Chloroform-d	4.65	84	18536	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	10163	0.45	ug/L	0.00
32) Benzene-d6	5.34	84	39800	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	11568	0.43	ug/L	0.00
41) Toluene-d8	7.57	98	37330	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	4937	0.48	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	20923	4.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	9191	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	13267	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	13213	0.370 ug/L	98
3) Chloromethane	1.32	50	16929	0.399 ug/L	96
5) Vinyl chloride	1.40	62	16208	0.414 ug/L	90
6) Bromomethane	1.63	94	10708	0.534 ug/L	92
8) Chloroethane	1.70	64	10459	0.461 ug/L	86
9) Trichlorofluoromethane	1.88	101	21420	0.469 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	13200	0.517 ug/L	95
12) 1,1-Dichloroethene	2.28	96	12331	0.497 ug/L	90
13) Acetone	2.36	43	26502	5.163 ug/L	98
14) Carbon disulfide	2.47	76	43979	0.508 ug/L	96
15) Methyl Acetate	2.63	43	6867	0.522 ug/L	92
16) Methylene chloride	2.70	84	18817	0.648 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	33618	0.504 ug/L #	95
18) trans-1,2-Dichloroethene	2.97	96	13659	0.515 ug/L	80
19) 1,1-Dichloroethane	3.44	63	20810	0.397 ug/L	97
21) 2-Butanone	4.31	43	31519	4.050 ug/L	80
22) cis-1,2-Dichloroethene	4.22	96	11556	0.427 ug/L	87
23) Bromochloromethane	4.55	128	5324	0.490 ug/L	79
25) Chloroform	4.67	83	19079	0.395 ug/L	98
27) 1,2-Dichloroethane	5.41	62	12508	0.400 ug/L	96
29) 1,1,1-Trichloroethane	4.90	97	16306	0.426 ug/L	93
30) Cyclohexane	4.98	56	19534	0.422 ug/L	99
31) Carbon tetrachloride	5.13	117	14222	0.440 ug/L	93
33) Benzene	5.39	78	42196	0.413 ug/L	100
34) Trichloroethene	6.18	95	13447	0.521 ug/L	90
35) Methylcyclohexane	6.41	83	18728	0.461 ug/L	95
37) 1,2-Dichloropropane	6.44	63	11260	0.403 ug/L #	92
38) Bromodichloromethane	6.76	83	13321	0.407 ug/L #	96
39) cis-1,3-Dichloropropene	7.27	75	14061	0.377 ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	71591	4.099 ug/L	99

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42) Toluene	7.64	91	47032	0.455	ug/L	97
44) trans-1,3-Dichloropropene	7.89	75	11608	0.398	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	7591	0.443	ug/L	89
47) Tetrachloroethene	8.23	164	9300	0.504	ug/L	91
48) 2-Hexanone	8.37	43	48545	4.023	ug/L	99
49) Dibromochloromethane	8.48	129	9079	0.448	ug/L	97
50) 1,2-Dibromoethane	8.59	107	7085	0.444	ug/L #	97
51) Chlorobenzene	9.12	112	29274	0.457	ug/L	96
52) Ethylbenzene	9.25	91	49010	0.446	ug/L	97
53) m,p-Xylene	9.38	106	18800	0.484	ug/L	90
54) o-Xylene	9.78	106	17384	0.456	ug/L	95
55) Styrene	9.79	104	28805	0.451	ug/L	99
56) Isopropylbenzene	10.16	105	46202	0.455	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	9353	0.418	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	6612	0.418	ug/L	92
61) Bromoform	9.96	173	5469	0.488	ug/L #	93
62) 1,3-Dichlorobenzene	11.42	146	20815	0.445	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	20731	0.425	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	21150	0.464	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	1382m	0.396	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	17832	0.510	ug/L	95
68) 1,2,4-trichlorobenzene	13.50	180	13427	0.491	ug/L	97
69) Naphthalene	13.75	128	85308	1.802	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	13771	0.534	ug/L	94

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

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