

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081920\
 Data File : VU039898.D
 Acq On : 19 Aug 2020 09:55
 Operator : SY/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 12:12:03 PM

Quant Time: Aug 20 07:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 20 07:38:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	72435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6303	1.49	ug/L	0.00
7) Chloroethane-d5	1.92	69	5381	1.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	12401	1.45	ug/L	0.00
20) 2-Butanone-d5	4.67	46	20302	11.70	ug/L	0.00
24) Chloroform-d	5.08	84	11277	1.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	7114	1.23	ug/L	0.00
32) Benzene-d6	5.74	84	21235	1.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	7101	1.17	ug/L	0.00
41) Toluene-d8	7.91	98	18059	1.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	3151	1.34	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	13389	10.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	6477	1.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	7518	1.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7706	1.251 ug/L	96
3) Chloromethane	1.53	50	8410	1.291 ug/L	85
5) Vinyl chloride	1.61	62	7853	1.240 ug/L	94
6) Bromomethane	1.86	94	4905	1.279 ug/L	95
8) Chloroethane	1.94	64	5297	1.202 ug/L	90
9) Trichlorofluoromethane	2.15	101	11856	1.236 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	6460	1.201 ug/L	94
12) 1,1-Dichloroethene	2.59	96	6057	1.287 ug/L	94
13) Acetone	2.67	43	14524m	13.440 ug/L	
14) Carbon disulfide	2.81	76	20489	1.378 ug/L	99
15) Methyl Acetate	2.97	43	4029	1.508 ug/L	91
16) Methylene chloride	3.06	84	9644	1.327 ug/L	88
17) Methyl tert-butyl Ether	3.38	73	15297	1.245 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	6348	1.233 ug/L	90
19) 1,1-Dichloroethane	3.89	63	11994	1.260 ug/L	98
21) 2-Butanone	4.74	43	24144	14.011 ug/L #	67
22) cis-1,2-Dichloroethene	4.69	96	7145	1.302 ug/L	96
23) Bromochloromethane	4.99	128	3195	1.238 ug/L #	79
25) Chloroform	5.11	83	12477	1.251 ug/L	96
27) 1,2-Dichloroethane	5.81	62	9146	1.322 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	9789	1.134 ug/L	90
30) Cyclohexane	5.41	56	9591	1.134 ug/L	97
31) Carbon tetrachloride	5.54	117	8578	1.092 ug/L	92
33) Benzene	5.79	78	26118	1.233 ug/L	100
34) Trichloroethene	6.56	95	6655	1.214 ug/L	95
35) Methylcyclohexane	6.77	83	9431	1.086 ug/L	99
37) 1,2-Dichloropropane	6.80	63	6702	1.189 ug/L #	89
38) Bromodichloromethane	7.11	83	8477	1.155 ug/L #	89
39) cis-1,3-Dichloropropene	7.61	75	8863	1.141 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	51992	12.239 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	26044	1.170	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	8802	1.274	ug/L	86
45) 1,1,2-Trichloroethane	8.41	97	5416	1.286	ug/L	92
47) Tetrachloroethene	8.56	164	5047	1.134	ug/L	93
48) 2-Hexanone	8.69	43	36178	11.818	ug/L	98
49) Dibromochloromethane	8.81	129	6038	1.172	ug/L	97
50) 1,2-Dibromoethane	8.93	107	4583	1.117	ug/L #	91
51) Chlorobenzene	9.45	112	16955	1.147	ug/L	97
52) Ethylbenzene	9.57	91	27143	1.101	ug/L	97
53) m,p-Xylene	9.69	106	10262	1.092	ug/L	96
54) o-Xylene	10.10	106	9459	1.035	ug/L	91
55) Styrene	10.11	104	16268	1.047	ug/L	100
56) Isopropylbenzene	10.48	105	25190	1.029	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	6752	1.176	ug/L	91
59) 1,2,3-Trichloropropane	10.82	75	5151	1.279	ug/L	93
61) Bromoform	10.29	173	3022	1.142	ug/L #	92
62) 1,3-Dichlorobenzene	11.74	146	13246	1.164	ug/L	92
63) 1,4-Dichlorobenzene	11.83	146	13434	1.130	ug/L	87
65) 1,2-Dichlorobenzene	12.20	146	12191	1.096	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.99	75	1022	1.188	ug/L #	87
67) 1,3,5-Trichlorobenzene	13.21	180	9137	1.070	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	7578	1.057	ug/L	97
69) Naphthalene	14.08	128	12871	0.995	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	6979	1.087	ug/L	93

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

