

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041234.D
 Acq On : 16 Nov 2020 08:37
 Operator : SY/MD
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.502

Quant Time: Nov 16 10:18:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 10:17:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65161	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	2439	0.45	ug/L	0.00
7) Chloroethane-d5	1.92	69	2280	0.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	5221	0.49	ug/L	0.00
20) 2-Butanone-d5	4.66	46	10010	5.55	ug/L	0.00
24) Chloroform-d	5.08	84	5173	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	3586	0.60	ug/L	0.00
32) Benzene-d6	5.74	84	8453	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	3031	0.50	ug/L	0.00
41) Toluene-d8	7.90	98	7544	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1222	0.47	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	5837	4.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	3061	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	3534	0.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	2139	0.360 ug/L	94
3) Chloromethane	1.53	50	2649	0.427 ug/L	92
5) Vinyl chloride	1.61	62	2497	0.408 ug/L	96
6) Bromomethane	1.87	94	1447	0.413 ug/L	95
8) Chloroethane	1.94	64	1451	0.374 ug/L	91
9) Trichlorofluoromethane	2.15	101	3396	0.408 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1856	0.381 ug/L	96
12) 1,1-Dichloroethene	2.59	96	1614	0.351 ug/L #	67
13) Acetone	2.67	43	5596	4.540 ug/L	96
14) Carbon disulfide	2.81	76	5111	0.332 ug/L	95
15) Methyl Acetate	2.97	43	1216	0.431 ug/L #	61
16) Methylene chloride	3.06	84	2782	0.519 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	4222	0.356 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	1689	0.361 ug/L	88
19) 1,1-Dichloroethane	3.89	63	3755	0.402 ug/L	90
21) 2-Butanone	4.74	43	7186	3.731 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	1866	0.387 ug/L	97
23) Bromochloromethane	4.99	128	818	0.359 ug/L #	85
25) Chloroform	5.11	83	4252	0.453 ug/L	99
27) 1,2-Dichloroethane	5.81	62	2962	0.424 ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	3387	0.399 ug/L	95
30) Cyclohexane	5.40	56	2393	0.286 ug/L #	91
31) Carbon tetrachloride	5.54	117	2922	0.389 ug/L	98
33) Benzene	5.79	78	7615	0.367 ug/L	100
34) Trichloroethene	6.55	95	1844	0.349 ug/L	89
35) Methylcyclohexane	6.78	83	2308	0.293 ug/L	95
37) 1,2-Dichloropropane	6.80	63	2135	0.381 ug/L #	86
38) Bromodichloromethane	7.11	83	2921	0.401 ug/L #	95
39) cis-1,3-Dichloropropene	7.62	75	2714	0.351 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	14787	3.305 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.97	91	6563	0.312	ug/L	92
44) trans-1,3-Dichloropropene	8.21	75	2572	0.356	ug/L #	76
45) 1,1,2-Trichloroethane	8.40	97	1655	0.396	ug/L	90
47) Tetrachloroethene	8.56	164	1435	0.370	ug/L	76
48) 2-Hexanone	8.69	43	10203	3.029	ug/L #	94
49) Dibromochloromethane	8.81	129	2226	0.459	ug/L	86
50) 1,2-Dibromoethane	8.92	107	1565	0.393	ug/L #	80
51) Chlorobenzene	9.45	112	4893	0.367	ug/L	93
52) Ethylbenzene	9.57	91	6998	0.316	ug/L	99
53) m,p-Xylene	9.69	106	2502	0.310	ug/L	87
54) o-Xylene	10.10	106	2327	0.310	ug/L	85
55) Styrene	10.11	104	3980	0.297	ug/L	98
56) Isopropylbenzene	10.48	105	6028	0.298	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.78	83	2282	0.416	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	1550	0.371	ug/L	99
61) Bromoform	10.29	173	1098	0.426	ug/L #	84
62) 1,3-Dichlorobenzene	11.74	146	3422	0.355	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	3897	0.390	ug/L	96
65) 1,2-Dichlorobenzene	12.20	146	3736	0.392	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	367	0.393	ug/L #	69
67) 1,3,5-Trichlorobenzene	13.21	180	2690	0.399	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	1808	0.323	ug/L #	95
69) Naphthalene	14.08	128	2024	0.202	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.32	180	1537	0.298	ug/L	96

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

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