

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120320\
 Data File : VU041451.D
 Acq On : 03 Dec 2020 15:52
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 02:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 04 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63314	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	1802	0.42	ug/L	0.00
7) Chloroethane-d5	1.92	69	1438	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	4234	0.49	ug/L	0.00
20) 2-Butanone-d5	4.66	46	5717	5.10	ug/L	0.02
24) Chloroform-d	5.08	84	4586	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.71	65	3086	0.57	ug/L	0.00
32) Benzene-d6	5.74	84	6758	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2175	0.45	ug/L	0.00
41) Toluene-d8	7.90	98	6790	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	1016	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	3748	4.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	2040	0.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	3182	0.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	3223	0.520	ug/L	92
3) Chloromethane	1.52	50	2099	0.420	ug/L	95
5) Vinyl chloride	1.61	62	2261	0.420	ug/L	90
6) Bromomethane	1.86	94	1584	0.695	ug/L	97
8) Chloroethane	1.94	64	1783	0.567	ug/L	85
9) Trichlorofluoromethane	2.15	101	4616	0.515	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1995	0.454	ug/L	97
12) 1,1-Dichloroethene	2.59	96	1761	0.455	ug/L	100
13) Acetone	2.67	43	4574m	5.757	ug/L	
14) Carbon disulfide	2.81	76	4415	0.341	ug/L #	93
15) Methyl Acetate	2.97	43	700	0.398	ug/L #	51
16) Methylene chloride	3.06	84	2590	0.473	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	5116	0.510	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	1831	0.439	ug/L	86
19) 1,1-Dichloroethane	3.88	63	3569	0.431	ug/L	90
21) 2-Butanone	4.74	43	5230	4.306	ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	1966	0.438	ug/L	78
23) Bromochloromethane	4.99	128	934	0.470	ug/L	78
25) Chloroform	5.10	83	4523	0.484	ug/L	89
27) 1,2-Dichloroethane	5.81	62	3289	0.529	ug/L #	80
29) 1,1,1-Trichloroethane	5.33	97	4309	0.520	ug/L #	74
30) Cyclohexane	5.40	56	2257	0.344	ug/L #	96
31) Carbon tetrachloride	5.54	117	3677	0.489	ug/L	99
33) Benzene	5.79	78	7263	0.423	ug/L	100
34) Trichloroethene	6.55	95	1968	0.418	ug/L	93
35) Methylcyclohexane	6.77	83	2809	0.417	ug/L	85
37) 1,2-Dichloropropane	6.80	63	1762	0.383	ug/L #	87
38) Bromodichloromethane	7.11	83	2928	0.449	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	2787	0.426	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	12213	4.230	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.97	91	7479	0.408	ug/L	93
44) trans-1,3-Dichloropropene	8.21	75	2772	0.458	ug/L	92
45) 1,1,2-Trichloroethane	8.40	97	1581	0.481	ug/L	99
47) Tetrachloroethene	8.56	164	1747	0.492	ug/L	90
48) 2-Hexanone	8.69	43	9055	4.253	ug/L	93
49) Dibromochloromethane	8.82	129	2188	0.508	ug/L	93
50) 1,2-Dibromoethane	8.93	107	1394	0.439	ug/L #	95
51) Chlorobenzene	9.45	112	5435	0.453	ug/L	94
52) Ethylbenzene	9.57	91	7921	0.400	ug/L	88
53) m,p-Xylene	9.70	106	3030	0.419	ug/L	85
54) o-Xylene	10.10	106	2826	0.405	ug/L	95
55) Styrene	10.11	104	5052	0.429	ug/L	99
56) Isopropylbenzene	10.48	105	7882	0.415	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	1824	0.454	ug/L	89
59) 1,2,3-Trichloropropane	10.82	75	1471	0.469	ug/L	91
61) Bromoform	10.29	173	1442	0.556	ug/L #	90
62) 1,3-Dichlorobenzene	11.74	146	4541	0.444	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	4442	0.437	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	4345	0.456	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.00	75	346	0.447	ug/L #	79
67) 1,3,5-Trichlorobenzene	13.21	180	3391	0.463	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	2476	0.429	ug/L	92
69) Naphthalene	14.08	128	3046	0.338	ug/L #	92
70) 1,2,3-Trichlorobenzene	14.32	180	2230	0.425	ug/L	94

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

