

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041356.D
 Acq On : 19 Nov 2020 20:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Nov 20 06:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20171	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.92	69	18958	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	45072	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.66	46	96595	51.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.42%
24) Chloroform-d	5.08	84	55840	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.72	65	34204	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.74	84	94621	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.70	67	32050	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.91	98	88170	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	8.18	79	13879	5.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.80%
46) 2-Hexanone-d5	8.64	63	71479	53.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30110	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	33296	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	25074	4.933 ug/L	99
3) Chloromethane	1.53	50	22883	4.180 ug/L	99
5) Vinyl chloride	1.61	62	24328	4.550 ug/L #	69
6) Bromomethane	1.86	94	10210	3.219 ug/L	98
8) Chloroethane	1.94	64	16622	4.684 ug/L	90
9) Trichlorofluoromethane	2.14	101	43695	5.247 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	23606	5.204 ug/L	95
12) 1,1-Dichloroethene	2.59	96	19321	4.819 ug/L	97
13) Acetone	2.66	43	54114	43.672 ug/L #	60
14) Carbon disulfide	2.80	76	51627	4.376 ug/L	99
15) Methyl Acetate	2.97	43	12258	4.762 ug/L	94
16) Methylene chloride	3.06	84	27887	5.548 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	57726	5.260 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	20074	5.141 ug/L	97
19) 1,1-Dichloroethane	3.89	63	45769	5.243 ug/L	97
21) 2-Butanone	4.74	43	83148	44.198 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	24036	5.451 ug/L	93

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

23) Bromochloromethane	4.99	128	11478	5.250	ug/L	94
25) Chloroform	5.11	83	48685	5.143	ug/L	99
27) 1,2-Dichloroethane	5.81	62	35977	5.286	ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	42701	5.630	ug/L	95
30) Cyclohexane	5.40	56	30946	4.938	ug/L	97
31) Carbon tetrachloride	5.54	117	36693	5.579	ug/L	99
33) Benzene	5.79	78	94538	5.622	ug/L	100
34) Trichloroethene	6.56	95	23347	5.137	ug/L	97
35) Methylcyclohexane	6.77	83	31210	5.169	ug/L	97
37) 1,2-Dichloropropane	6.80	63	26946	5.482	ug/L #	97
38) Bromodichloromethane	7.11	83	35934	5.593	ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	35136	5.125	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	199476	49.037	ug/L	99
42) Toluene	7.98	91	99343	5.528	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	34333	5.294	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	20002	5.262	ug/L	96
47) Tetrachloroethene	8.56	164	17569	5.231	ug/L	97
48) 2-Hexanone	8.69	43	150841	49.674	ug/L	99
49) Dibromochloromethane	8.82	129	24229	5.378	ug/L	100
50) 1,2-Dibromoethane	8.93	107	18159	5.149	ug/L	97
51) Chlorobenzene	9.45	112	63797	5.359	ug/L	99
52) Ethylbenzene	9.57	91	102384	5.335	ug/L	99
53) m,p-Xylene	9.69	106	38903	5.609	ug/L	97
54) o-Xylene	10.10	106	38136	5.708	ug/L	98
55) Styrene	10.11	104	65012	5.495	ug/L	98
56) Isopropylbenzene	10.48	105	102802	5.809	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	26933	5.420	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	19399	5.004	ug/L	99
61) Bromoform	10.29	173	13861	4.900	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	50405	5.423	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	49537	5.172	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	48800	5.278	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4380	5.103	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	34775	5.253	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	26145	4.755	ug/L	97
69) Naphthalene	14.08	128	39518	4.439	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	24376	4.773	ug/L	99

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

