

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041600.D
 Acq On : 13 Dec 2020 04:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Dec 13 11:22:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:18:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71323	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	53826	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.92	69	42884	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	100448	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.65	46	163437	51.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	5.08	84	95143	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	52005	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.74	84	192784	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	60108	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.90	98	179832	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	8.19	79	26397	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.64	63	150193	51.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56367	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	62442	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	62709	5.277 ug/L	99
3) Chloromethane	1.53	50	55897	4.841 ug/L	98
5) Vinyl chloride	1.61	62	64200	5.036 ug/L	97
6) Bromomethane	1.87	94	41625	5.222 ug/L	96
8) Chloroethane	1.94	64	39435	4.554 ug/L	98
9) Trichlorofluoromethane	2.15	101	87922	5.449 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50724	5.256 ug/L	97
12) 1,1-Dichloroethene	2.59	96	48972	5.146 ug/L	96
13) Acetone	2.66	43	101944	50.875 ug/L	97
14) Carbon disulfide	2.81	76	169099	5.142 ug/L	99
15) Methyl Acetate	2.97	43	24790	4.759 ug/L	94
16) Methylene chloride	3.06	84	56169	4.942 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	133006	5.238 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	51340	5.216 ug/L	99
19) 1,1-Dichloroethane	3.89	63	96865	5.265 ug/L	97
21) 2-Butanone	4.73	43	176829	54.177 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	56275	5.173 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	26318	5.266	ug/L	92
25) Chloroform	5.11	83	97692	5.273	ug/L	99
27) 1,2-Dichloroethane	5.81	62	64612	5.150	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	82625	5.426	ug/L	99
30) Cyclohexane	5.40	56	86397	5.062	ug/L	97
31) Carbon tetrachloride	5.54	117	71705	5.445	ug/L	99
33) Benzene	5.79	78	221190	5.215	ug/L	100
34) Trichloroethene	6.55	95	56667	5.317	ug/L	93
35) Methylcyclohexane	6.77	83	89747	5.210	ug/L	100
37) 1,2-Dichloropropane	6.80	63	56951	5.250	ug/L	100
38) Bromodichloromethane	7.11	83	70838	5.249	ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	81036	5.041	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	410804	53.219	ug/L	99
42) Toluene	7.98	91	236247	5.395	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	76177	5.299	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	44907	5.598	ug/L	97
47) Tetrachloroethene	8.56	164	41797	5.603	ug/L	95
48) 2-Hexanone	8.69	43	306424	54.546	ug/L	99
49) Dibromochloromethane	8.81	129	51269	5.564	ug/L	98
50) 1,2-Dibromoethane	8.93	107	42649	5.374	ug/L	100
51) Chlorobenzene	9.45	112	146232	5.373	ug/L	98
52) Ethylbenzene	9.57	91	248556	5.331	ug/L	97
53) m,p-Xylene	9.69	106	95554	5.495	ug/L	98
54) o-Xylene	10.10	106	95160	5.587	ug/L	98
55) Styrene	10.11	104	165706	5.632	ug/L	100
56) Isopropylbenzene	10.48	105	251599	5.550	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	59861	5.363	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	42783	5.251	ug/L	98
61) Bromoform	10.29	173	30447	5.647	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	116069	5.321	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	115888	5.284	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	111411	5.216	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10570	5.277	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	84611	5.110	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	72399	5.210	ug/L	99
69) Naphthalene	14.07	128	142511	4.954	ug/L	100
70) 1,2,3-Trichlorobenzene	14.31	180	68255	5.154	ug/L	98

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

