

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122120\
 Data File : VU041693.D
 Acq On : 21 Dec 2020 10:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Dec 22 02:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 21 09:47:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143343	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	76762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	55591	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.92	69	49640	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.58	63	103651	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.65	46	185342	57.58	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.16%
24) Chloroform-d	5.08	84	108174	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.71	65	60526	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.74	84	219127	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.70	67	72937	5.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.80%
41) Toluene-d8	7.90	98	205845	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
43) trans-1,3-Dichloropropene-	8.18	79	31119	5.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.80%
46) 2-Hexanone-d5	8.64	63	169328	55.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	64229	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	77948	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	57500	4.735 ug/L	100
3) Chloromethane	1.53	50	53655	4.548 ug/L	97
5) Vinyl chloride	1.61	62	62424	4.792 ug/L	96
6) Bromomethane	1.86	94	44613	5.477 ug/L	98
8) Chloroethane	1.94	64	39131	4.422 ug/L	96
9) Trichlorofluoromethane	2.15	101	86173	5.226 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50112	5.082 ug/L	92
12) 1,1-Dichloroethene	2.59	96	48218	4.959 ug/L	89
13) Acetone	2.66	43	104458	51.016 ug/L	97
14) Carbon disulfide	2.81	76	154672	4.603 ug/L	99
15) Methyl Acetate	2.97	43	23968	4.503 ug/L #	88
16) Methylene chloride	3.06	84	56805	4.891 ug/L	93
17) Methyl tert-butyl Ether	3.38	73	132727	5.116 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	51579	5.128 ug/L	93
19) 1,1-Dichloroethane	3.88	63	92769	4.935 ug/L	99
21) 2-Butanone	4.73	43	170497	51.121 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	56835	5.113 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	27283	5.343	ug/L	92
25) Chloroform	5.10	83	96382	5.091	ug/L	97
27) 1,2-Dichloroethane	5.81	62	63158	4.927	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	81924	5.170	ug/L	99
30) Cyclohexane	5.40	56	81739	4.602	ug/L	95
31) Carbon tetrachloride	5.54	117	71707	5.233	ug/L	97
33) Benzene	5.79	78	214555	4.861	ug/L	100
34) Trichloroethene	6.55	95	58245	5.252	ug/L	95
35) Methylcyclohexane	6.77	83	93498	5.215	ug/L	99
37) 1,2-Dichloropropane	6.80	63	58467	5.179	ug/L	99
38) Bromodichloromethane	7.11	83	72528	5.164	ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	83652	5.001	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	387362	48.223	ug/L	97
42) Toluene	7.97	91	231069	5.071	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	75625	5.056	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	44757	5.361	ug/L	98
47) Tetrachloroethene	8.56	164	42719	5.503	ug/L	97
48) 2-Hexanone	8.69	43	298523	51.065	ug/L	98
49) Dibromochloromethane	8.81	129	53401	5.569	ug/L	98
50) 1,2-Dibromoethane	8.93	107	43590	5.278	ug/L	98
51) Chlorobenzene	9.45	112	149383	5.274	ug/L	97
52) Ethylbenzene	9.57	91	246871	5.088	ug/L	98
53) m,p-Xylene	9.69	106	96546	5.335	ug/L	99
54) o-Xylene	10.10	106	92499	5.219	ug/L	96
55) Styrene	10.11	104	163144	5.329	ug/L	100
56) Isopropylbenzene	10.48	105	247359	5.243	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	58144	5.005	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	43350	5.113	ug/L	99
61) Bromoform	10.29	173	32820	5.656	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	120921	5.151	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	124528	5.276	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	114628	4.986	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10232	4.746	ug/L #	76
67) 1,3,5-Trichlorobenzene	13.21	180	90559	5.082	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	77070	5.154	ug/L	100
69) Naphthalene	14.07	128	142346	4.598	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	72336	5.075	ug/L	98

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

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