

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041768.D
 Acq On : 23 Dec 2020 02:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Dec 23 05:12:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42171	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.92	69	41878	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	86234	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	4.66	46	144829	47.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	5.08	84	86594	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	47577	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.74	84	159095	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.70	67	50396	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.91	98	142541	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.18	79	21799	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	133283	46.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49763	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	52079	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	56308	4.914 ug/L	99
3) Chloromethane	1.52	50	51108	4.590 ug/L	97
5) Vinyl chloride	1.61	62	63600	5.173 ug/L	98
6) Bromomethane	1.86	94	44103	5.738 ug/L	98
8) Chloroethane	1.94	64	41906	5.018 ug/L	96
9) Trichlorofluoromethane	2.15	101	93841	6.031 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50377	5.414 ug/L	96
12) 1,1-Dichloroethene	2.59	96	50746	5.530 ug/L	88
13) Acetone	2.67	43	85311	44.152 ug/L	94
14) Carbon disulfide	2.81	76	141285	4.455 ug/L	99
15) Methyl Acetate	2.97	43	21936	4.367 ug/L	93
16) Methylene chloride	3.06	84	54768	4.997 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	128718	5.257 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	50241	5.293 ug/L	93
19) 1,1-Dichloroethane	3.89	63	88518	4.990 ug/L	98
21) 2-Butanone	4.75	43	153157	48.664 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	53638	5.113 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	27965	5.803	ug/L	87
25) Chloroform	5.11	83	95849	5.366	ug/L	98
27) 1,2-Dichloroethane	5.81	62	63049	5.212	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	79718	5.377	ug/L	96
30) Cyclohexane	5.40	56	66749	4.017	ug/L	91
31) Carbon tetrachloride	5.54	117	68982	5.381	ug/L	98
33) Benzene	5.79	78	204522	4.953	ug/L	100
34) Trichloroethene	6.55	95	51578	4.971	ug/L	90
35) Methylcyclohexane	6.77	83	69596	4.149	ug/L	98
37) 1,2-Dichloropropane	6.80	63	52777	4.997	ug/L	99
38) Bromodichloromethane	7.11	83	68251	5.194	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	74294	4.747	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	363864	48.417	ug/L #	96
42) Toluene	7.97	91	217954	5.113	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	68359	4.885	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	45512	5.827	ug/L	95
47) Tetrachloroethene	8.56	164	39083	5.381	ug/L	94
48) 2-Hexanone	8.69	43	270432	49.445	ug/L #	97
49) Dibromochloromethane	8.81	129	51527	5.743	ug/L	99
50) 1,2-Dibromoethane	8.93	107	42444	5.494	ug/L	99
51) Chlorobenzene	9.45	112	135882	5.128	ug/L	96
52) Ethylbenzene	9.57	91	215771	4.753	ug/L	97
53) m,p-Xylene	9.69	106	84501	4.991	ug/L	97
54) o-Xylene	10.10	106	83123	5.013	ug/L	95
55) Styrene	10.11	104	139927	4.885	ug/L	97
56) Isopropylbenzene	10.48	105	213263	4.832	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	56441	5.193	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	41987	5.293	ug/L	99
61) Bromoform	10.29	173	30872	6.244	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	104325	5.215	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	103797	5.161	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	103620	5.290	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9696	5.278	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	73543	4.843	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	56915	4.467	ug/L	100
69) Naphthalene	14.07	128	104558	3.964	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	56023	4.613	ug/L	97

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

