

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040909.D
 Acq On : 22 Oct 2020 16:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Oct 22 23:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 23:17:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	229043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	233851	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	121613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	62572	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.92	69	60416	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	147250	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.66	46	341058	61.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.34%
24) Chloroform-d	5.09	84	164098	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	96759	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.75	84	273350	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.70	67	96142	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.91	98	240181	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	40755	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	255018	60.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	100174	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	96979	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	118407	5.092	ug/L 99
3) Chloromethane	1.53	50	121452	4.812	ug/L 96
5) Vinyl chloride	1.61	62	118680	5.057	ug/L 98
6) Bromomethane	1.87	94	67299	5.691	ug/L 96
8) Chloroethane	1.94	64	70890	4.672	ug/L 98
9) Trichlorofluoromethane	2.15	101	160407	5.181	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	94632	5.259	ug/L 99
12) 1,1-Dichloroethene	2.59	96	84282	5.024	ug/L 95
13) Acetone	2.66	43	235951	60.218	ug/L 100
14) Carbon disulfide	2.81	76	302498	5.068	ug/L 100
15) Methyl Acetate	2.97	43	53855	5.435	ug/L 100
16) Methylene chloride	3.06	84	123854	6.003	ug/L 96
17) Methyl tert-butyl Ether	3.38	73	222799	5.456	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	89005	5.116	ug/L 95
19) 1,1-Dichloroethane	3.89	63	184053	5.258	ug/L 99
21) 2-Butanone	4.73	43	375969	63.663	ug/L 97
22) cis-1,2-Dichloroethene	4.69	96	94325	4.938	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	47267	5.536	ug/L	98
25) Chloroform	5.11	83	183599	5.140	ug/L	96
27) 1,2-Dichloroethane	5.81	62	137915	5.655	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	156299	5.141	ug/L	100
30) Cyclohexane	5.41	56	151153	4.985	ug/L	99
31) Carbon tetrachloride	5.54	117	135805	5.082	ug/L	99
33) Benzene	5.79	78	380858	5.067	ug/L	100
34) Trichloroethene	6.56	95	98687	5.158	ug/L	95
35) Methylcyclohexane	6.77	83	142710	4.984	ug/L	98
37) 1,2-Dichloropropane	6.80	63	106283	5.236	ug/L	98
38) Bromodichloromethane	7.12	83	132687	5.149	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	135576	4.995	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	857775	62.980	ug/L	100
42) Toluene	7.98	91	396469	5.251	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	131974	5.370	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	76261	5.514	ug/L	98
47) Tetrachloroethene	8.56	164	70208	4.931	ug/L	97
48) 2-Hexanone	8.69	43	659445	66.558	ug/L	99
49) Dibromochloromethane	8.82	129	87989	5.333	ug/L	98
50) 1,2-Dibromoethane	8.93	107	71530	5.537	ug/L	97
51) Chlorobenzene	9.45	112	243642	4.997	ug/L	99
52) Ethylbenzene	9.57	91	404293	4.980	ug/L	100
53) m,p-Xylene	9.70	106	153527	5.250	ug/L	88
54) o-Xylene	10.10	106	140250	5.044	ug/L	97
55) Styrene	10.11	104	257576	5.324	ug/L	100
56) Isopropylbenzene	10.48	105	382572	5.140	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	104159	5.913	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	78368	5.941	ug/L	95
61) Bromoform	10.29	173	49552	5.557	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	189870	4.927	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	196438	4.960	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	183972	5.087	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	18342	5.451	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	129676	4.585	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	109506	4.593	ug/L	99
69) Naphthalene	14.08	128	192565	4.388	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	107117	4.633	ug/L	97

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

