

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040899.D
 Acq On : 22 Oct 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Oct 22 23:19:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 01:39:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	255611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	256926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	135348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	71723	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.92	69	65226	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.58	63	160471	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.65	46	343519	55.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.42%
24) Chloroform-d	5.08	84	167591	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.71	65	101882	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	287867	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.70	67	101472	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.90	98	262596	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.18	79	40808	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	264217	57.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.86%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	101663	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	99742	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	134010	5.164	ug/L 100
3) Chloromethane	1.53	50	136519	4.847	ug/L 98
5) Vinyl chloride	1.61	62	134907	5.151	ug/L 97
6) Bromomethane	1.87	94	72394	5.486	ug/L 97
8) Chloroethane	1.94	64	81354	4.805	ug/L 98
9) Trichlorofluoromethane	2.15	101	179539	5.196	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	107494	5.352	ug/L 99
12) 1,1-Dichloroethene	2.59	96	94254	5.035	ug/L 95
13) Acetone	2.65	43	274912	62.869	ug/L 99
14) Carbon disulfide	2.81	76	332306	4.989	ug/L 99
15) Methyl Acetate	2.96	43	62143	5.619	ug/L 99
16) Methylene chloride	3.06	84	116075	5.041	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	248312	5.449	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	96032	4.946	ug/L 97
19) 1,1-Dichloroethane	3.89	63	202122	5.174	ug/L 97
21) 2-Butanone	4.73	43	419890	63.710	ug/L 100
22) cis-1,2-Dichloroethene	4.68	96	104266	4.891	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	51362	5.390	ug/L	97
25) Chloroform	5.10	83	203125	5.096	ug/L	94
27) 1,2-Dichloroethane	5.81	62	149004	5.475	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	169672	5.080	ug/L	98
30) Cyclohexane	5.40	56	168886	5.070	ug/L	98
31) Carbon tetrachloride	5.54	117	151473	5.159	ug/L	100
33) Benzene	5.79	78	422809	5.119	ug/L	100
34) Trichloroethene	6.55	95	107249	5.102	ug/L	99
35) Methylcyclohexane	6.77	83	162055	5.151	ug/L	96
37) 1,2-Dichloropropane	6.80	63	115260	5.169	ug/L	100
38) Bromodichloromethane	7.11	83	148190	5.234	ug/L	94
39) cis-1,3-Dichloropropene	7.61	75	155261	5.206	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	969765	64.808	ug/L	99
42) Toluene	7.97	91	437187	5.270	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	150871	5.588	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	86767	5.711	ug/L	97
47) Tetrachloroethene	8.56	164	79485	5.081	ug/L	99
48) 2-Hexanone	8.69	43	745471	68.483	ug/L	99
49) Dibromochloromethane	8.81	129	97671	5.388	ug/L	99
50) 1,2-Dibromoethane	8.93	107	81216	5.723	ug/L #	97
51) Chlorobenzene	9.45	112	275770	5.148	ug/L	98
52) Ethylbenzene	9.57	91	452466	5.073	ug/L	99
53) m,p-Xylene	9.69	106	173458	5.398	ug/L	93
54) o-Xylene	10.10	106	164429	5.382	ug/L	99
55) Styrene	10.11	104	292534	5.504	ug/L	98
56) Isopropylbenzene	10.48	105	430960	5.271	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	114358	5.909	ug/L	93
59) 1,2,3-Trichloropropane	10.82	75	88487	6.106	ug/L	98
61) Bromoform	10.29	173	55678	5.611	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	222528	5.189	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	220617	5.005	ug/L	95
65) 1,2-Dichlorobenzene	12.20	146	211803	5.262	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	20760	5.543	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	149011	4.734	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	124731	4.701	ug/L	99
69) Naphthalene	14.08	128	225677	4.621	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	122773	4.771	ug/L	100

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

