

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038187.D
 Acq On : 15 May 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: May 16 03:27:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 14:53:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	393434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	382829	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	192294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149592	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	132028	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.59	63	250285	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.67	46	479574	54.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.02%
24) Chloroform-d	5.10	84	256257	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	145741	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	511719	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	171040	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.93	98	456083	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	69539	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.66	63	344950	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	144626	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	172992	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	166241	4.620	ug/L	99
3) Chloromethane	1.53	50	189041	4.360	ug/L	99
5) Vinyl chloride	1.62	62	197185	4.641	ug/L	100
6) Bromomethane	1.87	94	108946	4.503	ug/L	98
8) Chloroethane	1.95	64	125631	4.807	ug/L	100
9) Trichlorofluoromethane	2.16	101	214570	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	135024	5.013	ug/L	99
12) 1,1-Dichloroethene	2.60	96	128409	4.703	ug/L	95
13) Acetone	2.67	43	307721	55.240	ug/L	99
14) Carbon disulfide	2.82	76	427921	4.394	ug/L	99
15) Methyl Acetate	2.99	43	71644	4.598	ug/L	98
16) Methylene chloride	3.08	84	149372	4.693	ug/L	100
17) Methyl tert-butyl Ether	3.40	73	351630	4.635	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	139706	4.687	ug/L	98
19) 1,1-Dichloroethane	3.91	63	276318	4.746	ug/L	98
21) 2-Butanone	4.75	43	517730	52.655	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	152680	4.753	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	66742	4.828	ug/L	96
25) Chloroform	5.13	83	262230	4.829	ug/L	98
27) 1,2-Dichloroethane	5.83	62	184531	4.814	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	217016	4.948	ug/L	99
30) Cyclohexane	5.42	56	255423	4.932	ug/L	99
31) Carbon tetrachloride	5.56	117	175974	4.992	ug/L	99
33) Benzene	5.81	78	599725	4.892	ug/L	100
34) Trichloroethene	6.57	95	149981	4.891	ug/L	98
35) Methylcyclohexane	6.79	83	252400	5.082	ug/L	97
37) 1,2-Dichloropropane	6.82	63	161851	4.860	ug/L	99
38) Bromodichloromethane	7.14	83	188592	4.899	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	233979	4.910	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1167927	50.606	ug/L	99
42) Toluene	8.00	91	635811	4.913	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	196493	4.849	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	114319	4.944	ug/L	97
47) Tetrachloroethene	8.58	164	107306	5.003	ug/L	99
48) 2-Hexanone	8.71	43	898456	53.158	ug/L	99
49) Dibromochloromethane	8.83	129	118946	4.956	ug/L	99
50) 1,2-Dibromoethane	8.95	107	107059	4.988	ug/L	97
51) Chlorobenzene	9.47	112	400294	4.984	ug/L	100
52) Ethylbenzene	9.59	91	701254	5.002	ug/L	99
53) m,p-Xylene	9.72	106	271272	5.047	ug/L	98
54) o-Xylene	10.12	106	261249	5.027	ug/L	97
55) Styrene	10.13	104	440683	5.051	ug/L	100
56) Isopropylbenzene	10.50	105	679525	5.090	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	147656	5.029	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	111037	4.968	ug/L	99
61) Bromoform	10.31	173	63126	4.857	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	308925	4.938	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	312331	4.926	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	291904	4.849	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	22595	4.593	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	228091	5.024	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	207082	5.029	ug/L	98
69) Naphthalene	14.12	128	432033	4.984	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	190191	4.969	ug/L	100

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

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