

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052020\
 Data File : VU038257.D
 Acq On : 20 May 2020 19:20
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: May 21 03:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:14:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344824	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	333938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	168169	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146897	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	132491	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	238105	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.67	46	490272	63.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.00%
24) Chloroform-d	5.10	84	249386	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	146871	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.76	84	505611	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.72	67	170167	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.92	98	458240	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.20	79	68969	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.66	63	370088	60.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	145965	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	167309	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	124551	3.949 ug/L	99
3) Chloromethane	1.53	50	139941	3.682 ug/L	98
5) Vinyl chloride	1.62	62	157663	4.234 ug/L	99
6) Bromomethane	1.87	94	56638	2.671 ug/L	98
8) Chloroethane	1.95	64	103124	4.502 ug/L	99
9) Trichlorofluoromethane	2.16	101	171928	4.515 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	104608	4.431 ug/L	100
12) 1,1-Dichloroethene	2.60	96	104874	4.383 ug/L	95
13) Acetone	2.67	43	259957	53.244 ug/L	100
14) Carbon disulfide	2.82	76	329371	3.859 ug/L	99
15) Methyl Acetate	2.98	43	66202	4.847 ug/L	97
16) Methylene chloride	3.08	84	124709	4.471 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	307186	4.620 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	114579	4.386 ug/L	99
19) 1,1-Dichloroethane	3.91	63	236401	4.633 ug/L	99
21) 2-Butanone	4.75	43	449364	52.144 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	129359	4.595 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	58178	4.802	ug/L	93
25) Chloroform	5.13	83	229625	4.825	ug/L	98
27) 1,2-Dichloroethane	5.83	62	158221	4.709	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	179534	4.692	ug/L	99
30) Cyclohexane	5.42	56	188351	4.170	ug/L	100
31) Carbon tetrachloride	5.56	117	139513	4.537	ug/L	97
33) Benzene	5.81	78	503651	4.710	ug/L	100
34) Trichloroethene	6.57	95	122425	4.577	ug/L	96
35) Methylcyclohexane	6.79	83	188452	4.350	ug/L	97
37) 1,2-Dichloropropane	6.82	63	136543	4.701	ug/L	100
38) Bromodichloromethane	7.13	83	161757	4.817	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	198381	4.772	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1029638	51.146	ug/L	100
42) Toluene	7.99	91	517803	4.587	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	168709	4.772	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	97306	4.824	ug/L	97
47) Tetrachloroethene	8.57	164	85029	4.545	ug/L	98
48) 2-Hexanone	8.71	43	778069	52.775	ug/L	99
49) Dibromochloromethane	8.83	129	101737	4.860	ug/L	99
50) 1,2-Dibromoethane	8.94	107	91986	4.914	ug/L	99
51) Chlorobenzene	9.47	112	328694	4.692	ug/L	99
52) Ethylbenzene	9.59	91	558546	4.568	ug/L	100
53) m,p-Xylene	9.71	106	214561	4.576	ug/L	98
54) o-Xylene	10.12	106	206872	4.563	ug/L	99
55) Styrene	10.13	104	358467	4.710	ug/L	98
56) Isopropylbenzene	10.50	105	541075	4.646	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	126644	4.945	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	98279	5.041	ug/L	98
61) Bromoform	10.31	173	53984	4.749	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	254557	4.652	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	258628	4.665	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	246581	4.684	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	20037	4.657	ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	183986	4.634	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	171182	4.754	ug/L	99
69) Naphthalene	14.11	128	375686	4.955	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	161643	4.829	ug/L	100

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

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