

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038609.D
 Acq On : 06 Jun 2020 11:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Jun 07 03:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	338051	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	329503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174940	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92956	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	79006	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	203410	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.68	46	340915	51.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.58%
24) Chloroform-d	5.10	84	201685	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	111059	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	390937	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.72	67	119552	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	347964	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	50763	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.66	63	292019	54.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106649	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	138285	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	133643	5.016	ug/L	99
3) Chloromethane	1.53	50	115078	4.703	ug/L	99
5) Vinyl chloride	1.62	62	128056	4.885	ug/L	99
6) Bromomethane	1.88	94	72361	5.685	ug/L	100
8) Chloroethane	1.95	64	77155	4.912	ug/L	98
9) Trichlorofluoromethane	2.16	101	189436	5.447	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	119373	5.828	ug/L	98
12) 1,1-Dichloroethene	2.61	96	107755	5.176	ug/L	89
13) Acetone	2.68	43	251503	57.821	ug/L	100
14) Carbon disulfide	2.82	76	305134	4.319	ug/L	100
15) Methyl Acetate	2.99	43	60741	5.700	ug/L	99
16) Methylene chloride	3.08	84	122301	5.191	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	310232	5.683	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	114475	5.102	ug/L	97
19) 1,1-Dichloroethane	3.91	63	220636	5.495	ug/L	98
21) 2-Butanone	4.76	43	415024	56.728	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	129565	5.363	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	57020	5.244	ug/L	96
25) Chloroform	5.13	83	226612	5.556	ug/L	100
27) 1,2-Dichloroethane	5.83	62	152449	5.309	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	194984	5.592	ug/L	99
30) Cyclohexane	5.42	56	188830	5.165	ug/L	99
31) Carbon tetrachloride	5.56	117	159989	5.512	ug/L	99
33) Benzene	5.81	78	488413	5.316	ug/L	100
34) Trichloroethene	6.57	95	126472	5.303	ug/L	98
35) Methylcyclohexane	6.79	83	189294	5.127	ug/L	100
37) 1,2-Dichloropropane	6.82	63	125896	5.445	ug/L	100
38) Bromodichloromethane	7.13	83	163498	5.694	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	188716	5.523	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	920438	55.665	ug/L	99
42) Toluene	8.00	91	522272	5.419	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	165215	5.474	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	98798	5.664	ug/L	95
47) Tetrachloroethene	8.58	164	94119	5.432	ug/L	98
48) 2-Hexanone	8.71	43	700774	55.961	ug/L	99
49) Dibromochloromethane	8.83	129	109046	5.792	ug/L	97
50) 1,2-Dibromoethane	8.95	107	91218	5.461	ug/L	95
51) Chlorobenzene	9.47	112	337032	5.423	ug/L	98
52) Ethylbenzene	9.59	91	586561	5.470	ug/L	99
53) m,p-Xylene	9.71	106	229542	5.566	ug/L	97
54) o-Xylene	10.12	106	221317	5.591	ug/L	99
55) Styrene	10.13	104	384552	5.723	ug/L	99
56) Isopropylbenzene	10.50	105	593084	5.692	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	124231	5.604	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	95514	5.535	ug/L	99
61) Bromoform	10.31	173	59594	5.468	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	280502	5.457	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	281901	5.408	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	266748	5.465	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	21484	5.437	ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	208855	5.446	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	193211	5.443	ug/L	99
69) Naphthalene	14.12	128	381458	5.400	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	178362	5.523	ug/L	97

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

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