

Data File : VU036573.D
Acq On : 28 Jan 2020 13:14
Operator : JC/MD
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Quant Time: Jan 29 06:26:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 06:21:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	150552	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	140401	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	64452	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33139	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	32928	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	65	15026	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.69	46	83449	45.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.50%
24) Chloroform-d	5.11	84	69337	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.75	65	38844	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	154086	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	48351	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.93	98	148307	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	18949	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.67	63	100468	52.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.14%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41433	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.21	152	54665	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	2635	0.239 ug/L	91
3) Chloromethane	1.54	50	2957	0.254 ug/L	96
5) Vinyl chloride	1.62	62	2820	0.223 ug/L #	71
6) Bromomethane	1.87	94	1754	0.239 ug/L	85
8) Chloroethane	1.95	64	1823	0.233 ug/L	99
9) Trichlorofluoromethane	2.16	101	3266	0.222 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2407	0.265 ug/L #	91
12) 1,1-Dichloroethene	2.61	96	2490	0.277 ug/L #	1
13) Acetone	2.67	43	4883	3.591 ug/L	97
14) Carbon disulfide	2.82	76	6537	0.231 ug/L #	93
15) Methyl Acetate	3.00	43	799	0.230 ug/L #	46
16) Methylene chloride	3.08	84	7027	0.574 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	5361	0.237 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	2304	0.238 ug/L	86
19) 1,1-Dichloroethane	3.91	63	3704	0.220 ug/L	96
21) 2-Butanone	4.77	43	5173	2.353 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	2441	0.226 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	973	0.214	ug/L	97
25) Chloroform	5.13	83	3955	0.235	ug/L	94
27) 1,2-Dichloroethane	5.84	62	2554	0.242	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	3292	0.235	ug/L	95
30) Cyclohexane	5.43	56	3700	0.231	ug/L #	91
31) Carbon tetrachloride	5.57	117	2713	0.228	ug/L	95
33) Benzene	5.82	78	9213	0.234	ug/L	100
34) Trichloroethene	6.58	95	2494	0.239	ug/L	83
35) Methylcyclohexane	6.80	83	4355	0.243	ug/L	96
37) 1,2-Dichloropropane	6.83	63	2312	0.236	ug/L #	88
38) Bromodichloromethane	7.14	83	2729	0.228	ug/L	94
39) cis-1,3-Dichloropropene	7.64	75	3605	0.238	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	13283	2.407	ug/L #	86
42) Toluene	8.00	91	11421	0.262	ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	3454	0.297	ug/L	92
45) 1,1,2-Trichloroethane	8.43	97	1702	0.234	ug/L	96
47) Tetrachloroethene	8.58	164	2148	0.252	ug/L	88
48) 2-Hexanone	8.72	43	11847	3.112	ug/L	98
49) Dibromochloromethane	8.84	129	1846	0.222	ug/L	91
50) 1,2-Dibromoethane	8.95	107	1604	0.227	ug/L #	91
51) Chlorobenzene	9.47	112	6686	0.239	ug/L	95
52) Ethylbenzene	9.59	91	11351	0.239	ug/L	99
53) m,p-Xylene	9.72	106	4747	0.258	ug/L	91
54) o-Xylene	10.13	106	4322	0.240	ug/L	96
55) Styrene	10.14	104	6788	0.229	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.81	83	2037	0.224	ug/L #	89
59) Bromoform	10.32	173	1119	0.258	ug/L #	77
60) Isopropylbenzene	10.51	105	10852	0.249	ug/L	99
61) 1,2,3-Trichloropropane	10.85	75	1423	0.237	ug/L	97
62) 1,3,5-Trimethylbenzene	11.11	105	9167	0.246	ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	8527	0.230	ug/L	98
64) 1,3-Dichlorobenzene	11.77	146	5043	0.248	ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	4958	0.244	ug/L	97
67) 1,2-Dichlorobenzene	12.23	146	5097	0.263	ug/L	95
68) 1,2-Dibromo-3-chloropropan	13.02	75	297	0.234	ug/L	83
69) 1,3,5-Trichlorobenzene	13.24	180	3131	0.201	ug/L	98
70) 1,2,4-trichlorobenzene	13.86	180	1442	0.127	ug/L	95
71) Naphthalene	14.10	128	1399	0.086	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.35	180	1498	0.146	ug/L #	84

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

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