

Data File : VU027780.D
Acq On : 24 Oct 2018 12:59
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:26:33 AM

Quant Time: Oct 25 06:36:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	40243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	15372	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.68	69	12113	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.28	63	23739	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.21	46	51320	51.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	4.65	84	27844	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	17354	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	52904	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.33	67	19144	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.57	98	50063	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.85	79	7668	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.32	63	42199	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13941	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	18441	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	927	0.238 ug/L	96
3) Chloromethane	1.33	50	1206	0.275 ug/L	83
5) Vinyl chloride	1.40	62	1075	0.255 ug/L #	74
6) Bromomethane	1.63	94	531	0.246 ug/L	100
8) Chloroethane	1.70	64	686	0.301 ug/L	97
9) Trichlorofluoromethane	1.89	101	1379	0.247 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	751	0.267 ug/L	88
12) 1,1-Dichloroethene	2.29	96	729	0.278 ug/L #	1
13) Acetone	2.35	43	1849m	2.571 ug/L	
14) Carbon disulfide	2.48	76	2446	0.272 ug/L #	93
16) Methylene chloride	2.71	84	1056	0.341 ug/L	93
17) Methyl tert-butyl Ether	3.01	73	1915m	0.228 ug/L	
18) trans-1,2-Dichloroethene	2.99	96	695	0.247 ug/L	94
19) 1,1-Dichloroethane	3.44	63	1560	0.251 ug/L #	79
21) 2-Butanone	4.31	43	3385	2.869 ug/L	79
22) cis-1,2-Dichloroethene	4.24	96	708	0.212 ug/L	81
25) Chloroform	4.68	83	1820	0.291 ug/L	95

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27) 1,2-Dichloroethane	5.41	62	1056	0.228	ug/L #	79
29) 1,1,1-Trichloroethane	4.92	97	1235	0.222	ug/L	91
30) Cyclohexane	4.99	56	1458	0.234	ug/L #	92
31) Carbon tetrachloride	5.14	117	1132	0.237	ug/L	90
33) Benzene	5.39	78	3113	0.242	ug/L	100
34) Trichloroethene	6.19	95	850	0.255	ug/L	92
35) Methylcyclohexane	6.41	83	1411	0.253	ug/L #	84
38) Bromodichloromethane	6.76	83	1081	0.239	ug/L #	97
39) cis-1,3-Dichloropropene	7.27	75	1345	0.248	ug/L	92
40) 4-Methyl-2-pentanone	7.47	43	6699	2.370	ug/L #	93
42) Toluene	7.64	91	3188	0.230	ug/L	86
44) trans-1,3-Dichloropropene	7.88	75	1030	0.226	ug/L	94
45) 1,1,2-Trichloroethane	8.08	97	491	0.215	ug/L	96
47) Tetrachloroethene	8.23	164	626	0.231	ug/L	86
48) 2-Hexanone	8.37	43	6047	3.011	ug/L #	91
49) Dibromochloromethane	8.48	129	534	0.184	ug/L	98
50) 1,2-Dibromoethane	8.59	107	504	0.227	ug/L #	90
51) Chlorobenzene	9.12	112	2156	0.253	ug/L	94
52) Ethylbenzene	9.25	91	3811	0.237	ug/L	97
53) m,p-xylene	9.38	106	1354	0.238	ug/L	90
54) o-xylene	9.78	106	1248	0.224	ug/L	85
55) Styrene	9.80	104	2237	0.237	ug/L	98
56) Isopropylbenzene	10.17	105	3825	0.248	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	854m	0.285	ug/L	
59) 1,2,3-Trichloropropane	10.49	75	599m	0.252	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1706	0.262	ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	1648	0.251	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	1620	0.265	ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	1015	0.194	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	1015	0.224	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	980	0.234	ug/L #	94

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

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