

Data File : VU027777.D
Acq On : 24 Oct 2018 11:47
Operator : MD/SY
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:26:19 AM

Quant Time: Oct 25 06:34:52 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	40308	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	39420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	16330	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.68	69	12536	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.28	63	24332	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.22	46	52685	52.74	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	4.65	84	29524	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.31	65	17381	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.34	84	55120	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.33	67	19944	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.57	98	52410	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.85	79	7672	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.32	63	45191	54.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14189	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	18786	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	1061	0.271 ug/L	98
3) Chloromethane	1.33	50	1176	0.268 ug/L	94
5) Vinyl chloride	1.40	62	1125	0.266 ug/L #	79
6) Bromomethane	1.63	94	594	0.274 ug/L	79
8) Chloroethane	1.70	64	649	0.284 ug/L	91
9) Trichlorofluoromethane	1.89	101	1448	0.259 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	892	0.316 ug/L #	77
12) 1,1-Dichloroethene	2.29	96	694	0.264 ug/L #	1
13) Acetone	2.36	43	2219	3.081 ug/L	68
14) Carbon disulfide	2.48	76	2667	0.296 ug/L	98
16) Methylene chloride	2.70	84	1398	0.451 ug/L	85
17) Methyl tert-butyl Ether	3.01	73	2140	0.254 ug/L #	73
18) trans-1,2-Dichloroethene	2.99	96	764	0.271 ug/L	93
19) 1,1-Dichloroethane	3.45	63	1662	0.267 ug/L #	95
21) 2-Butanone	4.31	43	2800m	2.369 ug/L	
22) cis-1,2-Dichloroethene	4.23	96	824	0.246 ug/L	98
25) Chloroform	4.68	83	1736m	0.277 ug/L	

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27) 1,2-Dichloroethane	5.41	62	1157	0.250	ug/L #	79
29) 1,1,1-Trichloroethane	4.92	97	1348	0.238	ug/L	98
30) Cyclohexane	5.00	56	1485	0.234	ug/L	89
31) Carbon tetrachloride	5.13	117	1154	0.237	ug/L	95
33) Benzene	5.39	78	3715	0.284	ug/L	100
34) Trichloroethene	6.19	95	896	0.264	ug/L	79
35) Methylcyclohexane	6.42	83	1605	0.283	ug/L	92
38) Bromodichloromethane	6.76	83	1120	0.244	ug/L #	92
39) cis-1,3-Dichloropropene	7.28	75	1441	0.262	ug/L #	73
40) 4-Methyl-2-pentanone	7.47	43	7388	2.569	ug/L #	87
42) Toluene	7.64	91	3603	0.256	ug/L	83
44) trans-1,3-Dichloropropene	7.89	75	1213	0.261	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	548	0.236	ug/L	86
47) Tetrachloroethene	8.23	164	643	0.233	ug/L	86
48) 2-Hexanone	8.37	43	6514	3.188	ug/L #	92
49) Dibromochloromethane	8.48	129	674	0.228	ug/L	86
50) 1,2-Dibromoethane	8.59	107	538	0.238	ug/L #	97
51) Chlorobenzene	9.12	112	2397	0.276	ug/L	87
52) Ethylbenzene	9.25	91	4372	0.267	ug/L	99
53) m,p-xylene	9.38	106	1390	0.240	ug/L	95
54) o-xylene	9.78	106	1418	0.251	ug/L	90
55) Styrene	9.80	104	2371	0.247	ug/L	96
56) Isopropylbenzene	10.17	105	3909	0.249	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	877	0.287	ug/L #	80
59) 1,2,3-Trichloropropane	10.49	75	512m	0.211	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1905	0.289	ug/L	92
63) 1,4-Dichlorobenzene	11.51	146	1918	0.289	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	1841	0.298	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.89	180	1543	0.292	ug/L #	85
68) 1,2,4-trichlorobenzene	13.51	180	1224	0.267	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.99	180	1239	0.293	ug/L #	88

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

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