

Data File : VU027779.D
Acq On : 24 Oct 2018 12:35
Operator : MD/SY
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:26:28 AM

Quant Time: Oct 25 06:36:06 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	39785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	16312	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	12443	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.28	63	24041	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.22	46	51882	52.61	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	4.65	84	28720	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.31	65	17536	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.34	84	54652	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.33	67	19701	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.57	98	51524	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.85	79	7560	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.32	63	42657	52.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14137	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	18497	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	723	0.187 ug/L	91
3) Chloromethane	1.33	50	926	0.214 ug/L	100
5) Vinyl chloride	1.40	62	995	0.239 ug/L #	59
6) Bromomethane	1.63	94	488	0.228 ug/L	92
8) Chloroethane	1.70	64	447	0.198 ug/L #	83
9) Trichlorofluoromethane	1.89	101	1217	0.221 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	712	0.256 ug/L #	69
12) 1,1-Dichloroethene	2.29	96	711	0.274 ug/L #	1
13) Acetone	2.36	43	1942m	2.732 ug/L	
14) Carbon disulfide	2.48	76	2176	0.244 ug/L	97
16) Methylene chloride	2.71	84	1077	0.352 ug/L	81
17) Methyl tert-butyl Ether	3.01	73	1589	0.191 ug/L #	83
18) trans-1,2-Dichloroethene	2.99	96	474	0.171 ug/L #	60
19) 1,1-Dichloroethane	3.45	63	1409	0.229 ug/L #	89
21) 2-Butanone	4.31	43	2887	2.475 ug/L #	71
22) cis-1,2-Dichloroethene	4.23	96	706	0.214 ug/L	97
25) Chloroform	4.67	83	1528	0.247 ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.41	62	923	0.202	ug/L #	79
29) 1,1,1-Trichloroethane	4.91	97	1194	0.215	ug/L #	79
30) Cyclohexane	5.00	56	1209	0.194	ug/L	99
31) Carbon tetrachloride	5.14	117	964m	0.202	ug/L	
33) Benzene	5.39	78	2902	0.226	ug/L	100
34) Trichloroethene	6.19	95	634	0.191	ug/L	82
35) Methylcyclohexane	6.42	83	1130	0.203	ug/L	91
38) Bromodichloromethane	6.76	83	871m	0.194	ug/L	
39) cis-1,3-Dichloropropene	7.27	75	971	0.180	ug/L	89
40) 4-Methyl-2-pentanone	7.47	43	5781	2.051	ug/L #	89
42) Toluene	7.64	91	3006	0.217	ug/L	85
44) trans-1,3-Dichloropropene	7.89	75	887	0.195	ug/L	92
45) 1,1,2-Trichloroethane	8.07	97	390	0.171	ug/L #	69
47) Tetrachloroethene	8.22	164	501	0.185	ug/L #	79
48) 2-Hexanone	8.37	43	5309	2.651	ug/L #	90
49) Dibromochloromethane	8.48	129	487	0.168	ug/L	99
50) 1,2-Dibromoethane	8.59	107	353m	0.160	ug/L	
51) Chlorobenzene	9.12	112	1945	0.229	ug/L	93
52) Ethylbenzene	9.25	91	3532	0.220	ug/L	100
53) m,p-xylene	9.38	106	1121	0.197	ug/L	93
54) o-xylene	9.78	106	1184	0.213	ug/L	75
55) Styrene	9.80	104	1808	0.192	ug/L	84
56) Isopropylbenzene	10.17	105	3070	0.200	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.46	83	589m	0.197	ug/L	
59) 1,2,3-Trichloropropane	10.50	75	497m	0.209	ug/L	
62) 1,3-Dichlorobenzene	11.41	146	1452	0.223	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	1571	0.239	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	1297	0.212	ug/L #	89
67) 1,3,5-Trichlorobenzene	12.89	180	1090	0.209	ug/L #	93
68) 1,2,4-trichlorobenzene	13.51	180	833	0.184	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.99	180	809	0.193	ug/L #	86

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

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