

Data File : VU027778.D
Acq On : 24 Oct 2018 12:11
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:26:23 AM

Quant Time: Oct 25 06:35:40 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	40155	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	16099	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	12041	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.28	63	23812	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.22	46	53384	53.64	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	4.65	84	28502	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	17589	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	56024	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.33	67	19628	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.57	98	51634	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.85	79	7761	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.32	63	43658	53.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14360	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	18892	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	914	0.235 ug/L #	82
3) Chloromethane	1.33	50	1213	0.277 ug/L	96
5) Vinyl chloride	1.40	62	1147	0.273 ug/L #	61
6) Bromomethane	1.63	94	604	0.280 ug/L	97
8) Chloroethane	1.71	64	580	0.255 ug/L	97
9) Trichlorofluoromethane	1.89	101	1457	0.262 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	816	0.291 ug/L #	85
12) 1,1-Dichloroethene	2.28	96	701	0.268 ug/L #	1
13) Acetone	2.36	43	2481	3.458 ug/L	86
14) Carbon disulfide	2.48	76	2378	0.265 ug/L	100
16) Methylene chloride	2.71	84	1244	0.403 ug/L	93
17) Methyl tert-butyl Ether	3.01	73	2218	0.265 ug/L #	81
18) trans-1,2-Dichloroethene	2.98	96	743	0.265 ug/L	86
19) 1,1-Dichloroethane	3.45	63	1513	0.244 ug/L	89
21) 2-Butanone	4.30	43	3499	2.972 ug/L #	76
22) cis-1,2-Dichloroethene	4.23	96	763	0.229 ug/L	82
25) Chloroform	4.68	83	1771	0.284 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.42	62	1118	0.242	ug/L #	79
29) 1,1,1-Trichloroethane	4.92	97	1416	0.254	ug/L	92
30) Cyclohexane	4.99	56	1630	0.261	ug/L #	94
31) Carbon tetrachloride	5.13	117	1164	0.243	ug/L	92
33) Benzene	5.40	78	3225	0.250	ug/L	100
34) Trichloroethene	6.19	95	929	0.278	ug/L	79
35) Methylcyclohexane	6.41	83	1428	0.256	ug/L #	92
38) Bromodichloromethane	6.76	83	1019	0.226	ug/L #	83
39) cis-1,3-Dichloropropene	7.28	75	1476	0.272	ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	7049	2.493	ug/L #	89
42) Toluene	7.64	91	3643	0.263	ug/L	93
44) trans-1,3-Dichloropropene	7.88	75	1239	0.272	ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	511	0.224	ug/L	94
47) Tetrachloroethene	8.23	164	611	0.225	ug/L	87
48) 2-Hexanone	8.37	43	6057	3.015	ug/L #	95
49) Dibromochloromethane	8.48	129	620	0.213	ug/L	95
50) 1,2-Dibromoethane	8.59	107	504	0.227	ug/L #	90
51) Chlorobenzene	9.12	112	2138	0.250	ug/L	89
52) Ethylbenzene	9.25	91	3935	0.245	ug/L	100
53) m,p-xylene	9.38	106	1491	0.262	ug/L	88
54) o-xylene	9.78	106	1408	0.253	ug/L	88
55) Styrene	9.80	104	2230	0.237	ug/L	86
56) Isopropylbenzene	10.17	105	3723	0.242	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	682	0.227	ug/L #	76
59) 1,2,3-Trichloropropane	10.49	75	539m	0.226	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	1760	0.259	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	1922	0.280	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	1682	0.263	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.89	180	1407	0.258	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	1143	0.241	ug/L #	86
70) 1,2,3-Trichlorobenzene	13.99	180	1011	0.231	ug/L	96

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

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