Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000061.D
Acq On : 29 Dec 2014 16:11
Operator : TP
Sample : MDL-04-W
Misc : MDL--WATER-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDLWater-4

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:15 AM

Quant Time: Dec 30 13:34:28 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 13:41:14 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	199822	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	822371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	578321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1105984	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	983730	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	665509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	17873	5.19	ng/uL	0.00
5) Phenol-d5	7.01	99	607019m	35.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	338065	31.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	443743	36.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	457831	33.48	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	190848	33.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.73	143	201910	34.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	435830m	33.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	343035	23.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1341112	31.44	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1583359	30.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	181053	26.28	ng/ul	0.00
57) Fluorene-d10	15.48	176	1131425	30.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	150037	27.35	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1609940	31.48	ng/ul	0.00
76) Pyrene-d10	19.61	212	1603445	35.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	929856	30.96	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	13947	2.92	ng/uL	98
4) Benzaldehyde	6.98	77	17836	1.65	ng/ul	85
6) Phenol	7.03	94	53987	3.00	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.27	93	40778	2.96	ng/ul	99
10) 2-Chlorophenol	7.41	128	38534	2.99	ng/ul	94
11) 2-Methylphenol	8.28	108	38704	2.78	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	64581	2.91	ng/ul	99
14) Acetophenone	8.66	105	59798	2.56	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	31461	2.57	ng/ul	91
16) 4-Methylphenol	8.61	108	43453	2.89	ng/ul	99
17) Hexachloroethane	8.93	117	16075	2.73	ng/ul	91
20) Nitrobenzene	9.04	77	50905	3.00	ng/ul	93
21) Isophorone	9.57	82	85359	2.61	ng/ul	98
23) 2-Nitrophenol	9.75	139	17566	2.74	ng/ul	90
24) 2,4-Dimethylphenol	9.81	107	49915	2.87	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	49847	2.74	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	38577	3.01	ng/ul#	78
28) Naphthalene	10.69	128	117595	2.80	ng/ul	98
30) 4-Chloroaniline	10.80	127	32562m	2.16	ng/ul	
31) Hexachlorobutadiene	10.97	225	26771	2.95	ng/ul	98
32) Caprolactam	11.58	113	8819	2.07	ng/ul	92
33) 4-Chloro-3-methylphenol	11.91	107	40249	2.56	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	85516	2.75	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	46125	2.88	ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	23558	2.22	ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	26643	2.60	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	29063	2.62	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	111798	2.68	ng/ul	97
41) 2-Chloronaphthalene	13.35	162	90187	2.82	ng/ul	96
42) 2-Nitroaniline	13.56	65	23149	2.24	ng/ul	91
44) Dimethylphthalate	13.93	163	115368	2.72	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	17190	2.26	ng/ul#	88
47) Acenaphthylene	14.20	152	145931	2.71	ng/ul	99
48) 3-Nitroaniline	14.38	138	10314	1.33	ng/ul#	91
49) Acenaphthene	14.54	153	92402	2.69	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	6767	1.75	ng/ul	96
52) 4-Nitrophenol	14.68	109	20942	2.29	ng/ul	98
53) Dibenzofuran	14.88	168	140260	2.82	ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	25095	2.21	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.10	232	22828	2.38	ng/ul#	97
56) Diethylphthalate	15.31	149	113983	2.55	ng/ul	98
58) Fluorene	15.52	166	112815	2.73	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	55371	2.72	ng/ul	100
60) 4-Nitroaniline	15.53	138	14761	1.68	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.59	198	14576	2.60	ng/ul#	6
64) N-Nitrosodiphenylamine	15.74	169	80942	2.52	ng/ul	94
65) 4-Bromophenyl-phenylether	16.41	248	32731	2.90	ng/ul	88
66) Hexachlorobenzene	16.53	284	38200	2.94	ng/ul	97
68) Pentachlorophenol	16.87	266	16407m	2.08	ng/ul	
69) Phenanthrene	17.26	178	171049	2.86	ng/ul	99
71) Anthracene	17.35	178	167061	2.71	ng/ul	99
72) Carbazole	17.63	167	122107	2.20	ng/ul	99
73) Di-n-butylphthalate	18.19	149	157690	2.38	ng/ul	99
74) Fluoranthene	19.28	202	183136	2.67	ng/ul	99
77) Pyrene	19.65	202	186437	3.14	ng/ul	98
78) Butylbenzylphthalate	20.54	149	54901	2.28	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.34	252	6538	0.36	ng/ul#	97
80) Benzo(a)anthracene	21.39	228	161820	2.85	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	75510	2.15	ng/ul#	99
82) Chrysene	21.44	228	145829	2.79	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	118397	2.59	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	139587	3.29	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	130269	3.59	ng/ul#	99
88) Benzo(a)pyrene	23.60	252	130752	3.50	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.04	276	142545	3.66	ng/ul	96
90) Dibenzo(a,h)anthracene	26.06	278	123774	3.78	ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	116770	3.65	ng/ul	98

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

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