Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000086.D
Acq On : 30 Dec 2014 08:45
Operator : TP
Sample : MDL-05-W
Misc : MDL-WATER-8PPM
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:22:15 AM

Quant Time: Dec 31 07:48:48 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 07:06:16 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	179701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	734565	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	513901	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	952780m	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	871096	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	763642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	18263	5.89	ng/uL	0.01
5) Phenol-d5	7.00	99	533716m	34.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	296386	31.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	384982	34.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	400403	32.56	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	168878	33.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	182234m	35.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	384822m	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	255078	19.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1161734	30.65	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1399477	30.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	157310	25.69	ng/ul	0.00
57) Fluorene-d10	15.47	176	962619	29.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	134726	28.51	ng/ul	0.00
70) Anthracene-d10	17.32	188	1390532	31.56	ng/ul	0.00
76) Pyrene-d10	19.61	212	1379011	34.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1067522	30.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	27259	6.35	ng/uL	93
4) Benzaldehyde	6.98	77	19917	2.05	ng/ul	96
6) Phenol	7.03	94	107976	6.66	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.27	93	77644	6.27	ng/ul	99
10) 2-Chlorophenol	7.41	128	77455	6.68	ng/ul	97
11) 2-Methylphenol	8.28	108	78800	6.30	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	129629	6.49	ng/ul	97
14) Acetophenone	8.66	105	121587	5.79	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.64	70	67591	6.15	ng/ul	94
16) 4-Methylphenol	8.60	108	90712	6.71	ng/ul	95
17) Hexachloroethane	8.92	117	33708	6.36	ng/ul	85
20) Nitrobenzene	9.04	77	100181	6.61	ng/ul	93
21) Isophorone	9.56	82	176370	6.04	ng/ul	97
23) 2-Nitrophenol	9.75	139	39272	6.86	ng/ul	91
24) 2,4-Dimethylphenol	9.81	107	104253	6.71	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.05	93	104091	6.40	ng/ul	95
27) 2,4-Dichlorophenol	10.28	162	79251	6.93	ng/ul	95
28) Naphthalene	10.69	128	239280	6.39	ng/ul	99
30) 4-Chloroaniline	10.79	127	56336m	4.19	ng/ul	
31) Hexachlorobutadiene	10.97	225	54051	6.67	ng/ul	95
32) Caprolactam	11.58	113	20227m	5.31	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	84907	6.05	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	174993	6.30	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	91515	6.42	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	51552	5.48	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	56150	6.18	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	60488	6.13	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	234495	6.33	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	186693	6.58	ng/ul	95
42) 2-Nitroaniline	13.56	65	52390	5.69	ng/ul	89
44) Dimethylphthalate	13.93	163	233072	6.17	ng/ul	96
45) 2,6-Dinitrotoluene	14.05	165	38226	5.66	ng/ul	91
47) Acenaphthylene	14.20	152	295561	6.17	ng/ul	98
48) 3-Nitroaniline	14.38	138	18915	2.74	ng/ul	89
49) Acenaphthene	14.54	153	191564	6.28	ng/ul	100
50) 2,4-Dinitrophenol	14.57	184	16159	4.71	ng/ul	94
52) 4-Nitrophenol	14.68	109	45087	5.54	ng/ul	93
53) Dibenzofuran	14.87	168	274441	6.21	ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	55548	5.51	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.10	232	47573	5.59	ng/ul#	96
56) Diethylphthalate	15.29	149	227752	5.74	ng/ul	98
58) Fluorene	15.52	166	221379	6.04	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	108700	6.01	ng/ul	98
60) 4-Nitroaniline	15.53	138	32399	4.15	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.59	198	30054	6.22	ng/ul#	95
64) N-Nitrosodiphenylamine	15.73	169	176789	6.40	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	64538	6.65	ng/ul	94
66) Hexachlorobenzene	16.52	284	72310	6.46	ng/ul#	91
67) Atrazine	16.68	200	10442	0.96	ng/ul	90
68) Pentachlorophenol	16.86	266	31871	4.68	ng/ul	93
69) Phenanthrene	17.26	178	336545	6.53	ng/ul	99
71) Anthracene	17.35	178	329292	6.21	ng/ul	99
72) Carbazole	17.61	167	272246	5.70	ng/ul	99
73) Di-n-butylphthalate	18.19	149	333558	5.85	ng/ul	98
74) Fluoranthene	19.27	202	351777	5.95	ng/ul	97
77) Pyrene	19.64	202	367172	6.99	ng/ul	97
78) Butylbenzylphthalate	20.54	149	125434	5.88	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.33	252	11011	0.69	ng/ul	89
80) Benzo(a)anthracene	21.39	228	321315	6.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	175835	5.66	ng/ul	99
82) Chrysene	21.44	228	299629	6.46	ng/ul	98
84) Di-n-octyl phthalate	22.22	149	280510	5.34	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	316627	6.50	ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	259830	6.25	ng/ul	98
88) Benzo(a)pyrene	23.60	252	283860	6.63	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	329163	7.37	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	280639	7.46	ng/ul	96
91) Benzo(g,h,i)perylene	26.75	276	274527	7.48	ng/ul	98

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

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