Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000079.D
Acq On : 30 Dec 2014 04:01
Operator : TP
Sample : MDL-06-S
Misc : MDL-SOIL-8PPM
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:42 AM

Quant Time: Dec 31 07:28:59 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	241383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1037823	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	733747	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1454805	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1337282	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1010159	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	21674	5.21	ng/uL	-0.01
5) Phenol-d5	7.00	99	568352	27.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	357497	27.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	416345	27.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	457687	27.71	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	214044	29.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	228786	31.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	442091	27.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	590933	32.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1536469	28.39	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1826867	28.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	223872	25.61	ng/ul	0.00
57) Fluorene-d10	15.47	176	1279066	27.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	109542	15.18	ng/ul	0.00
70) Anthracene-d10	17.32	188	1918028	28.51	ng/ul	0.00
76) Pyrene-d10	19.61	212	2014311	32.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1374539	30.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	23659	4.10	ng/uL#	89
4) Benzaldehyde	6.98	77	65161	5.00	ng/ul	97
6) Phenol	7.03	94	91794	4.22	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	69984	4.21	ng/ul	98
10) 2-Chlorophenol	7.41	128	65222	4.19	ng/ul	95
11) 2-Methylphenol	8.28	108	66066	3.93	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.38	45	119713	4.47	ng/ul	99
14) Acetophenone	8.66	105	119257	4.23	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	62154	4.21	ng/ul	96
16) 4-Methylphenol	8.60	108	75783	4.17	ng/ul	95
17) Hexachloroethane	8.92	117	28697	4.03	ng/ul	87
20) Nitrobenzene	9.04	77	95330	4.46	ng/ul	96
21) Isophorone	9.56	82	170366	4.13	ng/ul	98
23) 2-Nitrophenol	9.75	139	36413	4.50	ng/ul	89
24) 2,4-Dimethylphenol	9.81	107	92717	4.22	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.05	93	98907	4.31	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	68133	4.22	ng/ul#	88
28) Naphthalene	10.69	128	229204	4.33	ng/ul	99
30) 4-Chloroaniline	10.79	127	80597	4.24	ng/ul	98
31) Hexachlorobutadiene	10.97	225	50841	4.44	ng/ul	95
32) Caprolactam	11.57	113	20433	3.80	ng/ul	95
33) 4-Chloro-3-methylphenol	11.91	107	82461	4.16	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	172269	4.39	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	91361	4.49 ng/ul	96
37) Hexachlorocyclopentadiene	12.64	237	47126	3.51 ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	53109	4.09 ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	58971	4.18 ng/ul	96
40) 1,1'-Biphenyl	13.30	154	228829	4.33 ng/ul	97
41) 2-Chloronaphthalene	13.35	162	176663	4.36 ng/ul	99
42) 2-Nitroaniline	13.56	65	52657	4.01 ng/ul	98
44) Dimethylphthalate	13.93	163	232402	4.31 ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	38202	3.96 ng/ul	94
47) Acenaphthylene	14.20	152	288585	4.22 ng/ul	98
48) 3-Nitroaniline	14.38	138	38155	3.86 ng/ul	97
49) Acenaphthene	14.54	153	188457	4.33 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	6007	1.23 ng/ul#	77
52) 4-Nitrophenol	14.68	109	45927	3.95 ng/ul	90
53) Dibenzofuran	14.87	168	271062	4.30 ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	58509	4.07 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.10	232	47003	3.87 ng/ul	94
56) Diethylphthalate	15.29	149	238993	4.22 ng/ul	98
58) Fluorene	15.52	166	221801	4.24 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	111343	4.31 ng/ul	93
60) 4-Nitroaniline	15.53	138	42307	3.79 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	18204	2.47 ng/ul#	75
64) N-Nitrosodiphenylamine	15.73	169	185284	4.39 ng/ul	97
65) 4-Bromophenyl-phenylether	16.41	248	67066	4.52 ng/ul	94
66) Hexachlorobenzene	16.53	284	76023	4.45 ng/ul	94
67) Atrazine	16.68	200	69338	4.17 ng/ul	98
68) Pentachlorophenol	16.87	266	29594m	2.85 ng/ul	
69) Phenanthrene	17.26	178	353643m	4.49 ng/ul	
71) Anthracene	17.35	178	358137	4.42 ng/ul	98
72) Carbazole	17.61	167	315409	4.33 ng/ul	98
73) Di-n-butylphthalate	18.19	149	367662	4.23 ng/ul	99
74) Fluoranthene	19.27	202	389255	4.31 ng/ul	98
77) Pyrene	19.64	202	406454	5.04 ng/ul#	96
78) Butylbenzylphthalate	20.54	149	140324	4.28 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.32	252	98095	4.01 ng/ul	99
80) Benzo(a)anthracene	21.39	228	342653	4.44 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	199528	4.19 ng/ul	96
82) Chrysene	21.44	228	310792	4.37 ng/ul	98
84) Di-n-octyl phthalate	22.21	149	280075	4.03 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	304535	4.72 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	237770	4.32 ng/ul	99
88) Benzo(a)pyrene	23.60	252	261263	4.61 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	261194	4.42 ng/ul	99
90) Dibenzo(a,h)anthracene	26.05	278	223580	4.49 ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	217320	4.48 ng/ul	99

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

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