Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007257.D
Acq On : 23 Aug 2016 18:02
Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S

Quant Time: Aug 23 18:33:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	140058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	706241	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	522847	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1445330	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2190105	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2479878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8089	2.95	ng/uL	0.00
5) Phenol-d5	6.97	99	343314	25.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	206526	29.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	272196	27.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	307040	26.61	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	151271	29.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	177026	29.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	322648	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	461563	30.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1397635	30.98	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1537427	29.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	258970	30.41	ng/ul	0.00
57) Fluorene-d10	15.43	176	1173105	30.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	252423	27.77	ng/ul	0.00
70) Anthracene-d10	17.27	188	2040071	30.22	ng/ul	0.00
76) Pyrene-d10	19.57	212	2634472	28.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3357050	29.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2094	0.69	ng/uL#	71
4) Benzaldehyde	6.95	77	23020	3.05	ng/ul	94
6) Phenol	7.00	94	33212	2.42	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.23	93	26851	2.81	ng/ul	96
10) 2-Chlorophenol	7.37	128	26358	2.63	ng/ul	96
11) 2-Methylphenol	8.24	108	24960	2.33	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	29422	2.73	ng/ul#	93
14) Acetophenone	8.62	105	50496	2.85	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	24789	2.64	ng/ul	97
16) 4-Methylphenol	8.56	108	29561	2.46	ng/ul	93
17) Hexachloroethane	8.87	117	10111	2.60	ng/ul	95
20) Nitrobenzene	9.00	77	35687	2.68	ng/ul	98
21) Isophorone	9.52	82	71605	2.64	ng/ul#	98
23) 2-Nitrophenol	9.70	139	17151	2.61	ng/ul#	89
24) 2,4-Dimethylphenol	9.76	107	35731	2.46	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	39517	2.58	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	29009	2.42	ng/ul	87
28) Naphthalene	10.63	128	93437	2.66	ng/ul	99
30) 4-Chloroaniline	10.75	127	41637	2.69	ng/ul	96
31) Hexachlorobutadiene	10.92	225	22324	2.76	ng/ul	97
32) Caprolactam	11.54	113	12211	2.53	ng/ul#	72
33) 4-Chloro-3-methylphenol	11.87	107	36094	2.44	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	75991	2.64	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	44993	2.58	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	21840	2.08	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.86	196	28640	2.33	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	30019	2.34	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	107978	2.66	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	82632	2.60	ng/ul	98
42) 2-Nitroaniline	13.51	65	23897	2.30	ng/ul	98
44) Dimethylphthalate	13.89	163	128244	2.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	21688	2.36	ng/ul	94
47) Acenaphthylene	14.15	152	143978	2.68	ng/ul	98
48) 3-Nitroaniline	14.34	138	24283	2.59	ng/ul	98
49) Acenaphthene	14.50	153	94038	2.69	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	10052	1.61	ng/ul#	88
52) 4-Nitrophenol	14.65	109	25389	2.80	ng/ul	94
53) Dibenzofuran	14.83	168	144026	2.75	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	36989	2.63	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.06	232	32355	2.46	ng/ul#	94
56) Diethylphthalate	15.26	149	130476	2.78	ng/ul	100
58) Fluorene	15.48	166	123003	2.85	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	65475	2.90	ng/ul	98
60) 4-Nitroaniline	15.50	138	28064	2.64	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	25724	2.65	ng/ul#	47
64) N-Nitrosodiphenylamine	15.69	169	110264	2.73	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	42537	2.61	ng/ul	96
66) Hexachlorobenzene	16.48	284	50883	2.78	ng/ul	96
67) Atrazine	16.64	200	45680	2.68	ng/ul	95
68) Pentachlorophenol	16.83	266	25619	2.17	ng/ul	97
69) Phenanthrene	17.22	178	220227	2.84	ng/ul	97
71) Anthracene	17.31	178	230169	2.87	ng/ul	99
72) Carbazole	17.58	167	201411	2.89	ng/ul	98
73) Di-n-butylphthalate	18.14	149	233891	2.67	ng/ul	99
74) Fluoranthene	19.23	202	291626	2.99	ng/ul	100
77) Pyrene	19.60	202	325059	2.77	ng/ul	96
78) Butylbenzylphthalate	20.49	149	113783	2.33	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.27	252	123362	2.84	ng/ul	99
80) Benzo(a)anthracene	21.34	228	364677	2.82	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	181550	2.56	ng/ul	97
82) Chrysene	21.39	228	332381	2.84	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	319934	2.59	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	401011	2.73	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	381466	2.81	ng/ul	97
88) Benzo(a)pyrene	23.53	252	400837	2.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	483211	2.81	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	406631	2.84	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	405720	2.78	ng/ul	98

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

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