Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007276.D
Acq On : 24 Aug 2016 11:03
Operator : UM/SJ
Sample : MDL-BLK-W
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-W

Quant Time: Aug 24 13:52:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 24 13:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	247114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1256215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	912255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2531298	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3668830	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4156377	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	12555	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	541551	23.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	321705	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	430571	24.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	486010	23.87	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	233240	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	273753	25.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	498284	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	699944	26.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2073176	26.34	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2323896	25.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	389452	26.21	ng/ul	0.00
57) Fluorene-d10	15.43	176	1763871	25.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	397862	25.00	ng/ul	0.00
70) Anthracene-d10	17.27	188	3013034	25.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	3858301	25.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4850897	25.34	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	33753	2.54	ng/ul	94
6) Phenol	6.99	94	48054	1.98	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.23	93	37038	2.20	ng/ul	98
10) 2-Chlorophenol	7.37	128	36402	2.06	ng/ul	95
11) 2-Methylphenol	8.24	108	36777	1.94	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.34	45	41477	2.19	ng/ul	97
14) Acetophenone	8.62	105	68637	2.20	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	35704	2.15	ng/ul	98
16) 4-Methylphenol	8.56	108	41972	1.98	ng/ul	94
17) Hexachloroethane	8.87	117	13821	2.01	ng/ul	97
20) Nitrobenzene	9.00	77	54989	2.32	ng/ul	99
21) Isophorone	9.52	82	99795	2.07	ng/ul	99
23) 2-Nitrophenol	9.70	139	24257	2.07	ng/ul#	87
24) 2,4-Dimethylphenol	9.76	107	53321	2.06	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	54647	2.01	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	43266	2.03	ng/ul#	86
28) Naphthalene	10.64	128	131185	2.10	ng/ul	98
30) 4-Chloroaniline	10.75	127	59038	2.14	ng/ul	92
31) Hexachlorobutadiene	10.92	225	31939	2.22	ng/ul	96
32) Caprolactam	11.55	113	16128	1.88	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	50587	1.92	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	106938	2.09	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	63279	2.08	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.60	237	29785	1.63 ng/ul	100
38) 2,4,6-Trichlorophenol	12.86	196	41074	1.91 ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	43188	1.93 ng/ul	96
40) 1,1'-Biphenyl	13.26	154	153891	2.18 ng/ul	98
41) 2-Chloronaphthalene	13.30	162	119166	2.15 ng/ul	97
42) 2-Nitroaniline	13.51	65	33809	1.87 ng/ul	92
44) Dimethylphthalate	13.89	163	177672	2.27 ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	30814	1.92 ng/ul	90
47) Acenaphthylene	14.15	152	202956	2.16 ng/ul	99
48) 3-Nitroaniline	14.34	138	31986	1.96 ng/ul	92
49) Acenaphthene	14.50	153	132011	2.16 ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	15005	1.38 ng/ul	95
52) 4-Nitrophenol	14.64	109	37132	2.35 ng/ul	91
53) Dibenzofuran	14.83	168	195402	2.14 ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	52096	2.12 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	45917	2.00 ng/ul#	97
56) Diethylphthalate	15.26	149	180100	2.20 ng/ul	98
58) Fluorene	15.48	166	169960	2.26 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	89909	2.28 ng/ul	98
60) 4-Nitroaniline	15.50	138	39000	2.10 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	36785	2.17 ng/ul#	80
64) N-Nitrosodiphenylamine	15.69	169	149928	2.12 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	60374	2.11 ng/ul	96
66) Hexachlorobenzene	16.48	284	70760	2.21 ng/ul	97
67) Atrazine	16.64	200	63814	2.14 ng/ul	100
68) Pentachlorophenol	16.83	266	35830	1.73 ng/ul	99
69) Phenanthrene	17.22	178	299203	2.20 ng/ul	99
71) Anthracene	17.31	178	304073	2.17 ng/ul	98
72) Carbazole	17.58	167	272274	2.23 ng/ul	99
73) Di-n-butylphthalate	18.14	149	318198	2.07 ng/ul	98
74) Fluoranthene	19.23	202	402812	2.36 ng/ul	98
77) Pyrene	19.60	202	437660	2.22 ng/ul	97
78) Butylbenzylphthalate	20.49	149	151556	1.85 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	155846	2.14 ng/ul	98
80) Benzo(a)anthracene	21.34	228	495352	2.29 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	234581	1.97 ng/ul	98
82) Chrysene	21.39	228	452119	2.31 ng/ul	98
84) Di-n-octyl phthalate	22.16	149	416392	2.01 ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	563565	2.29 ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	506364	2.23 ng/ul	99
88) Benzo(a)pyrene	23.53	252	544778	2.32 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.92	276	659877	2.29 ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	559435	2.33 ng/ul	96
91) Benzo(g,h,i)perylene	26.62	276	554391	2.26 ng/ul	98

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

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