Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010865.D
Acq On : 18 Jul 2017 09:31
Operator : SJ/JU
Sample : I4176-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VNJ-225-241-72-11938-COMPMSD

Quant Time: Jul 18 15:56:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	282607	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1130098	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	738050	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1605563	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1373646	20.00	ng		0.00
86) Perylene-d12	23.19	264	1129823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2494718	146.23	ng		0.01
7) Phenol-d6	6.65	99	3214399	136.67	ng		0.00
23) Nitrobenzene-d5	8.59	82	2733574	92.98	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1664931	147.62	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	6316752	106.47	ng		0.00
78) Terphenyl-d14	19.51	244	8211592	115.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	253634	33.692	ng	#	100
3) Pyridine	3.49	79	585096	28.434	ng		90
4) n-Nitrosodimethylamine	3.39	42	435224	41.385	ng	#	74
6) Aniline	6.80	93	484389	16.441	ng		93
8) 2-Chlorophenol	7.02	128	808608	47.871	ng		89
9) Benzaldehyde	6.60	77	104144	6.377	ng		87
10) Phenol	6.67	94	1067907	42.945	ng		95
11) bis(2-Chloroethyl)ether	6.89	93	888728	46.404	ng		97
12) 1,3-Dichlorobenzene	7.33	146	853195	40.872	ng	#	86
13) 1,4-Dichlorobenzene	7.48	146	875096	40.623	ng	#	88
14) 1,2-Dichlorobenzene	7.79	146	836975	40.774	ng	#	89
15) Benzyl Alcohol	7.69	79	1084550	48.698	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.97	45	782332	47.116	ng		80
17) 2-Methylphenol	7.89	107	778218	48.389	ng	#	82
18) Hexachloroethane	8.50	117	370269	40.979	ng	#	80
19) n-Nitroso-di-n-propylamine	8.26	70	865956	46.480	ng		94
20) 3+4-Methylphenols	8.22	107	1047070	46.862	ng	#	85
22) Acetophenone	8.26	105	1528676	44.926	ng	#	97
24) Nitrobenzene	8.63	77	1335628	44.327	ng		90
25) Isophorone	9.16	82	2271864	47.168	ng	#	88
26) 2-Nitrophenol	9.33	139	470562	46.932	ng	#	39
27) 2,4-Dimethylphenol	9.41	122	815562	45.575	ng	#	72
28) bis(2-Chloroethoxy)methane	9.64	93	1260146	46.672	ng		98
29) 2,4-Dichlorophenol	9.86	162	942240	46.612	ng		96
30) 1,2,4-Trichlorobenzene	10.07	180	1056399	42.747	ng		96
31) Naphthalene	10.26	128	2583953	44.968	ng		98
32) Benzoic acid	9.56	122	549730	39.153	ng	#	65
33) 4-Chloroaniline	10.39	127	155809	6.730	ng	#	85
34) Hexachlorobutadiene	10.54	225	816083	42.559	ng		99
35) Caprolactam	11.17	113	203709m	37.851	ng		
36) 4-Chloro-3-methylphenol	11.51	107	1095361	44.796	ng	#	75
37) 2-Methylnaphthalene	11.87	142	2062427	49.971	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1404333	43.652	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1974577	107.069	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010865.D
Acq On : 18 Jul 2017 09:31
Operator : SJ/JU
Sample : I4176-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : VNJ-225-241-72-11938-COMPMSD

Quant Time: Jul 18 15:56:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	904730	45.672 ng		99
43) 2,4,5-Trichlorophenol	12.58	196	923656	47.227 ng	#	87
45) 1,1'-Biphenyl	12.92	154	2781104	43.253 ng		99
46) 2-Chloronaphthalene	12.96	162	2174258	46.117 ng	#	93
47) 2-Nitroaniline	13.17	65	755739	48.762 ng	#	74
48) Acenaphthylene	13.82	152	3212914	45.819 ng		100
49) Dimethylphthalate	13.57	163	2826255	45.012 ng	#	99
50) 2,6-Dinitrotoluene	13.69	165	600880	48.789 ng	#	70
51) Acenaphthene	14.16	154	1977643	46.155 ng		99
52) 3-Nitroaniline	14.01	138	346889	30.983 ng	#	42
53) 2,4-Dinitrophenol	14.22	184	795187	93.402 ng		92
54) Dibenzofuran	14.50	168	3429040	49.474 ng	#	91
55) 4-Nitrophenol	14.34	139	708627	72.876 ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	817347	47.828 ng	#	96
57) Fluorene	15.15	166	2722974	45.702 ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	861535	47.409 ng	#	100
59) Diethylphthalate	14.95	149	2751691	44.375 ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1649788	45.077 ng		96
61) 4-Nitroaniline	15.19	138	492949	42.124 ng	#	1
62) Azobenzene	15.45	77	3141244	49.887 ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	513714	48.522 ng		93
65) n-Nitrosodiphenylamine	15.37	169	2307129	50.219 ng		98
66) 4-Bromophenyl-phenylether	16.05	248	1061003	52.144 ng	#	89
67) Hexachlorobenzene	16.16	284	1088413	46.779 ng	#	89
68) Atrazine	16.34	200	688055	36.164 ng		98
69) Pentachlorophenol	16.50	266	1303836	87.414 ng		98
70) Phenanthrene	16.89	178	4185897	50.115 ng		99
71) Anthracene	16.98	178	4154277	50.105 ng		98
72) Carbazole	17.26	167	3210837	43.971 ng		99
73) Di-n-butylphthalate	17.84	149	3923569	45.416 ng	#	96
74) Fluoranthene	18.92	202	4549143	43.976 ng		98
76) Benzidine	19.12	184	391233	10.643 ng		96
77) Pyrene	19.29	202	4539284	57.003 ng		100
79) Butylbenzylphthalate	20.22	149	1472180	52.805 ng	#	74
80) Benzo(a)anthracene	21.05	228	3885535	48.816 ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	752333	24.039 ng	#	97
82) Chrysene	21.10	228	3580366	47.232 ng		100
83) Bis(2-ethylhexyl)phthalate	21.01	149	1972533	48.586 ng	#	97
84) Di-n-octyl phthalate	21.86	149	3034295	45.615 ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3883345	44.676 ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3606305	50.250 ng	#	92
88) Benzo(k)fluoranthene	22.61	252	3318744	48.415 ng	#	94
89) Benzo(a)pyrene	23.10	252	3330535	50.985 ng	#	95
90) Dibenzo(a,h)anthracene	25.31	278	3212550	50.670 ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	3288533	52.764 ng	#	86

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010865.D
Acq On : 18 Jul 2017 09:31
Operator : SJ/JU
Sample : I4176-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-225-241-72-11938-COMPMSD

Quant Time: Jul 18 15:56:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration