Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016544.D
Acq On : 23 Aug 2018 07:51
Operator : SJ/JU
Sample : PB112126BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112126BS

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:27 PM

Quant Time: Aug 23 08:45:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	373175	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	1400347	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	1133908	20.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	3544614	20.00	ng		0.00
75) Chrysene-d12	21.54	240	4409166	20.00	ng		0.00
86) Perylene-d12	23.83	264	4145555	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1327640	69.72	ng		0.00
7) Phenol-d6	7.20	99	1632150	64.77	ng		0.00
23) Nitrobenzene-d5	9.20	82	1349549	44.00	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	2414938	76.19	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	5535529	46.93	ng		0.00
78) Terphenyl-d14	19.99	244	10511528	50.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	159936	15.202	ng	#	100
3) Pyridine	3.81	79	335793	15.341	ng	#	80
4) n-Nitrosodimethylamine	3.73	42	204576	20.979	ng	#	77
6) Aniline	7.35	93	368625	13.072	ng	#	88
8) 2-Chlorophenol	7.57	128	454077	20.039	ng		95
9) Benzaldehyde	7.16	77	286544	16.385	ng	#	79
10) Phenol	7.22	94	489596	19.646	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	321759	17.217	ng		98
12) 1,3-Dichlorobenzene	7.90	146	529903	17.638	ng	#	89
13) 1,4-Dichlorobenzene	8.05	146	550625	17.859	ng		98
14) 1,2-Dichlorobenzene	8.36	146	550096	18.160	ng		94
15) Benzyl Alcohol	8.27	79	408576	17.459	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.54	45	207573	16.131	ng	#	44
17) 2-Methylphenol	8.47	107	352692	19.543	ng	#	77
18) Hexachloroethane	9.07	117	269262	18.957	ng	#	41
19) n-Nitroso-di-n-propylamine	8.83	70	352858	17.860	ng	#	85
20) 3+4-Methylphenols	8.81	107	468634	18.781	ng	#	82
22) Acetophenone	8.86	105	679811	20.160	ng		95
24) Nitrobenzene	9.25	77	586593	19.142	ng		92
25) Isophorone	9.76	82	939381	22.917	ng	#	95
26) 2-Nitrophenol	9.95	139	258374	19.723	ng	#	51
27) 2,4-Dimethylphenol	10.00	122	416578	24.401	ng	#	79
28) bis(2-Chloroethoxy)methane	10.24	93	514980	21.047	ng	#	95
29) 2,4-Dichlorophenol	10.48	162	634906	24.848	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	934276	24.097	ng	#	95
31) Naphthalene	10.87	128	1414851	21.206	ng		98
32) Benzoic acid	10.23	122	253626	17.756	ng	#	72
33) 4-Chloroaniline	11.01	127	196563	7.001	ng	#	89
34) Hexachlorobutadiene	11.12	225	881795	23.829	ng		97
35) Caprolactam	11.83	113	105869m	17.267	ng		
36) 4-Chloro-3-methylphenol	12.13	107	505866	20.594	ng		94
37) 2-Methylnaphthalene	12.47	142	1239451	23.730	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1386874	21.656	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1784981	65.993	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	857398	22.389	ng		100
43) 2,4,5-Trichlorophenol	13.18	196	815632m	21.804	ng		
45) 1,1'-Biphenyl	13.49	154	1830777	18.413	ng		98
46) 2-Chloronaphthalene	13.54	162	1538492	19.046	ng		99
47) 2-Nitroaniline	13.77	65	343086	15.946	ng		88
48) Acenaphthylene	14.38	152	2290182	20.085	ng		99
49) Dimethylphthalate	14.12	163	2157566	19.805	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	427954	20.141	ng	#	88
51) Acenaphthene	14.72	154	1330366	18.992	ng		97
52) 3-Nitroaniline	14.60	138	164243	8.495	ng	#	90
53) 2,4-Dinitrophenol	14.83	184	416960	39.212	ng	#	68
54) Dibenzofuran	15.06	168	2785146	20.769	ng		95
55) 4-Nitrophenol	14.92	139	425939	34.541	ng	#	80
56) 2,4-Dinitrotoluene	15.06	165	692470	19.544	ng	#	95
57) Fluorene	15.70	166	2218341	21.898	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	818262	22.759	ng	#	100
59) Diethylphthalate	15.47	149	2028265	17.856	ng	#	93
60) 4-Chlorophenyl-phenylether	15.69	204	1769761	20.832	ng	#	85
61) 4-Nitroaniline	15.77	138	279075	14.770	ng	#	1
62) Azobenzene	15.99	77	2168485	17.924	ng		88
64) 4,6-Dinitro-2-methylphenol	15.83	198	417828	15.514	ng	#	57
65) n-Nitrosodiphenylamine	15.92	169	1910895	19.163	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	1098628	20.172	ng		99
67) Hexachlorobenzene	16.70	284	1242126	19.556	ng		97
68) Atrazine	16.86	200	1034382	22.730	ng		89
69) Pentachlorophenol	17.06	266	1118535	33.283	ng		98
70) Phenanthrene	17.44	178	3793427	20.706	ng		99
71) Anthracene	17.53	178	3866607	21.254	ng		99
72) Carbazole	17.81	167	2732110	16.711	ng		97
73) Di-n-butylphthalate	18.33	149	3399172	17.054	ng	#	97
74) Fluoranthene	19.44	202	5363383	19.966	ng		94
76) Benzidine	19.63	184	2156394	25.431	ng		98
77) Pyrene	19.80	202	5410026	22.577	ng		99
79) Butylbenzylphthalate	20.67	149	1529140	18.488	ng	#	81
80) Benzo(a)anthracene	21.53	228	5661249	21.839	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1151069	9.976	ng	#	97
82) Chrysene	21.58	228	4996383	20.201	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2200374	17.895	ng	#	97
84) Di-n-octyl phthalate	22.30	149	3585210	17.546	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.15	276	6211184	17.462	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	5443740	22.780	ng	#	91
88) Benzo(k)fluoranthene	23.18	252	5378069	22.118	ng	#	93
89) Benzo(a)pyrene	23.73	252	5097913	21.924	ng	#	95
90) Dibenzo(a,h)anthracene	26.14	278	5212568	20.003	ng	#	88
91) Benzo(g,h,i)perylene	26.86	276	4678526	20.001	ng	#	79

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

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