Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016639.D
Acq On : 31 Aug 2018 16:37
Operator : SJ/JU
Sample : PB112537BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112537BS

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:12 PM

Quant Time: Aug 31 17:27:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	93862	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	375586	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	276194	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	857596	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1116881	20.00	ng		0.00
86) Perylene-d12	23.81	264	1024213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	516994	107.93	ng		0.00
7) Phenol-d6	7.18	99	645086	101.77	ng		0.00
23) Nitrobenzene-d5	9.19	82	585298	71.15	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	835785	108.25	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2041710	71.06	ng		0.00
78) Terphenyl-d14	19.97	244	4592311	87.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	104470	39.479	ng	#	100
3) Pyridine	3.80	79	185416	33.677	ng	#	85
4) n-Nitrosodimethylamine	3.72	42	125303	51.087	ng	#	66
6) Aniline	7.33	93	247846	34.944	ng	#	84
8) 2-Chlorophenol	7.56	128	249664	43.804	ng		98
9) Benzaldehyde	7.15	77	158627	36.062	ng	#	75
10) Phenol	7.20	94	260717	41.593	ng		89
11) bis(2-Chloroethyl)ether	7.43	93	183015	38.936	ng		97
12) 1,3-Dichlorobenzene	7.88	146	294006	38.907	ng	#	86
13) 1,4-Dichlorobenzene	8.03	146	287983	37.135	ng	#	92
14) 1,2-Dichlorobenzene	8.35	146	291045	38.201	ng		94
15) Benzyl Alcohol	8.26	79	251404	42.712	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.51	45	126905	39.209	ng	#	46
17) 2-Methylphenol	8.46	107	183904	40.515	ng	#	66
18) Hexachloroethane	9.05	117	172313	48.231	ng	#	53
19) n-Nitroso-di-n-propylamine	8.82	70	201245	40.497	ng	#	85
20) 3+4-Methylphenols	8.79	107	250711	39.947	ng	#	82
22) Acetophenone	8.85	105	381167	42.145	ng	#	98
24) Nitrobenzene	9.23	77	339933	41.360	ng	#	87
25) Isophorone	9.75	82	530436	48.248	ng	#	89
26) 2-Nitrophenol	9.93	139	129755	36.929	ng	#	38
27) 2,4-Dimethylphenol	9.99	122	224699	49.072	ng	#	72
28) bis(2-Chloroethoxy)methane	10.22	93	272748	41.560	ng	#	93
29) 2,4-Dichlorophenol	10.47	162	311440	45.445	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	495870	47.686	ng	#	96
31) Naphthalene	10.85	128	777167	43.431	ng		99
32) Benzoic acid	10.22	122	123593	32.260	ng	#	87
33) 4-Chloroaniline	10.99	127	175636	23.322	ng	#	87
34) Hexachlorobutadiene	11.10	225	538581	54.264	ng		98
35) Caprolactam	11.82	113	58412m	35.521	ng		
36) 4-Chloro-3-methylphenol	12.12	107	262794	39.888	ng	#	87
37) 2-Methylnaphthalene	12.46	142	648304	46.279	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	811126	52.000	ng	#	100
40) Hexachlorocyclopentadiene	12.78	237	1091057	126.102	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	448963	48.131	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	428782	47.059	ng	#	96
45) 1,1'-Biphenyl	13.47	154	912576	37.682	ng		96
46) 2-Chloronaphthalene	13.52	162	764799	38.871	ng		96
47) 2-Nitroaniline	13.75	65	196263	37.450	ng	#	75
48) Acenaphthylene	14.37	152	1139993	41.046	ng		98
49) Dimethylphthalate	14.10	163	1073052	40.439	ng	#	97
50) 2,6-Dinitrotoluene	14.25	165	199713	38.587	ng	#	69
51) Acenaphthene	14.70	154	665476	39.002	ng		94
52) 3-Nitroaniline	14.59	138	111699	23.719	ng	#	69
53) 2,4-Dinitrophenol	14.82	184	204416	78.923	ng	#	72
54) Dibenzofuran	15.04	168	1335383	40.883	ng	#	88
55) 4-Nitrophenol	14.91	139	168606	56.134	ng	#	76
56) 2,4-Dinitrotoluene	15.04	165	328948	38.115	ng	#	93
57) Fluorene	15.69	166	1085199	43.980	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	445587	50.881	ng	#	100
59) Diethylphthalate	15.46	149	1061913	38.382	ng		95
60) 4-Chlorophenyl-phenylether	15.67	204	978826	47.303	ng	#	85
61) 4-Nitroaniline	15.76	138	131347	28.539	ng	#	1
62) Azobenzene	15.97	77	1313053	44.557	ng		91
64) 4,6-Dinitro-2-methylphenol	15.82	198	226452	34.752	ng	#	56
65) n-Nitrosodiphenylamine	15.90	169	902341	37.401	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	610685	46.344	ng		98
67) Hexachlorobenzene	16.69	284	656929	42.749	ng	#	91
68) Atrazine	16.84	200	570180	51.785	ng		92
69) Pentachlorophenol	17.04	266	593671	73.015	ng		99
70) Phenanthrene	17.43	178	1831046	41.309	ng		100
71) Anthracene	17.52	178	1847631	41.977	ng		99
72) Carbazole	17.80	167	1260470	31.866	ng		97
73) Di-n-butylphthalate	18.32	149	1738948	36.060	ng	#	96
74) Fluoranthene	19.43	202	2720570	41.861	ng		94
76) Benzidine	19.62	184	1001673	46.635	ng		98
77) Pyrene	19.79	202	2736482	45.083	ng		98
79) Butylbenzylphthalate	20.65	149	810387	38.679	ng	#	68
80) Benzo(a)anthracene	21.52	228	2876102	43.801	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	726126	24.843	ng	#	92
82) Chrysene	21.56	228	2605487	41.587	ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1139216	36.576	ng	#	93
84) Di-n-octyl phthalate	22.29	149	1851958	35.780	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.11	276	3093671	34.336	ng	#	91
87) Benzo(b)fluoranthene	23.12	252	2828324	47.904	ng	#	89
88) Benzo(k)fluoranthene	23.16	252	2754986	45.860	ng	#	93
89) Benzo(a)pyrene	23.71	252	2645750	46.055	ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	2579458	40.065	ng	#	87
91) Benzo(g,h,i)perylene	26.83	276	2396264	41.463	ng	#	80

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

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