Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015801.D
Acq On : 06 Jul 2018 14:36
Operator : SJ/JU
Sample : PB110837BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110837BSD

Manual Integrations APPROVED
Sohil
7/6/2018 5:22:23 PM

Quant Time: Jul 06 15:16:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	133674	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	536872	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	272114	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	492932	20.00	ng		0.00
75) Chrysene-d12	21.76	240	353262	20.00	ng		0.00
86) Perylene-d12	24.17	264	329199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	1162115	149.09	ng		0.00
7) Phenol-d6	7.47	99	1489698	139.60	ng		0.00
23) Nitrobenzene-d5	9.50	82	994116	90.35	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	468416	131.74	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2053204	93.68	ng		0.00
78) Terphenyl-d14	20.22	244	1986052	104.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	101373	31.447	ng	#	100
3) Pyridine	4.01	79	277535	32.626	ng	#	80
4) n-Nitrosodimethylamine	3.92	42	241666	36.485	ng	#	46
6) Aniline	7.63	93	325811	25.184	ng		91
8) 2-Chlorophenol	7.87	128	381051	40.733	ng		96
9) Benzaldehyde	7.44	77	161989	24.085	ng		90
10) Phenol	7.49	94	435915	40.656	ng		92
11) bis(2-Chloroethyl)ether	7.73	93	314140	36.016	ng		88
12) 1,3-Dichlorobenzene	8.19	146	390702	37.669	ng	#	92
13) 1,4-Dichlorobenzene	8.35	146	399838	37.279	ng		95
14) 1,2-Dichlorobenzene	8.67	146	388548	37.458	ng		94
15) Benzyl Alcohol	8.56	79	334817	36.142	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	495603	52.028	ng		99
17) 2-Methylphenol	8.76	107	298824	40.227	ng	#	87
18) Hexachloroethane	9.39	117	162440	38.302	ng		96
19) n-Nitroso-di-n-propylamine	9.13	70	283685	33.079	ng	#	79
20) 3+4-Methylphenols	9.09	107	392099	38.000	ng		90
22) Acetophenone	9.15	105	535987	38.324	ng	#	88
24) Nitrobenzene	9.54	77	436184	40.723	ng		98
25) Isophorone	10.06	82	708630	42.193	ng	#	95
26) 2-Nitrophenol	10.25	139	190380	41.277	ng	#	64
27) 2,4-Dimethylphenol	10.30	122	325779	46.495	ng		86
28) bis(2-Chloroethoxy)methane	10.53	93	426494	38.978	ng		99
29) 2,4-Dichlorophenol	10.79	162	332589	42.859	ng		95
30) 1,2,4-Trichlorobenzene	11.00	180	363945	40.379	ng		96
31) Naphthalene	11.19	128	1099826	39.513	ng		99
32) Benzoic acid	10.47	122	216227m	34.856	ng		
33) 4-Chloroaniline	11.30	127	162953	14.359	ng	#	89
34) Hexachlorobutadiene	11.45	225	235599	39.167	ng		98
35) Caprolactam	12.12	113	83668m	32.510	ng		
36) 4-Chloro-3-methylphenol	12.41	107	345163	38.764	ng		88
37) 2-Methylnaphthalene	12.77	142	797216	40.262	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	388505	44.484	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	461710	109.287	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	242343	43.897	ng		97
43) 2,4,5-Trichlorophenol	13.45	196	252059	42.266	ng	#	84
45) 1,1'-Biphenyl	13.77	154	977038	41.529	ng		99
46) 2-Chloronaphthalene	13.82	162	755291	42.937	ng	#	92
47) 2-Nitroaniline	14.03	65	237480	38.714	ng	#	80
48) Acenaphthylene	14.66	152	1180678	41.260	ng		99
49) Dimethylphthalate	14.38	163	898682	37.447	ng		99
50) 2,6-Dinitrotoluene	14.52	165	187727	40.120	ng	#	72
51) Acenaphthene	14.99	154	679520	38.162	ng		98
52) 3-Nitroaniline	14.85	138	101948	19.905	ng	#	78
53) 2,4-Dinitrophenol	15.06	184	170192	73.323	ng	#	88
54) Dibenzofuran	15.33	168	1077225	39.261	ng	#	88
55) 4-Nitrophenol	15.15	139	264801	70.056	ng	#	73
56) 2,4-Dinitrotoluene	15.30	165	247927	36.700	ng		93
57) Fluorene	15.97	166	840838	37.162	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.55	232	205315	40.799	ng	#	100
59) Diethylphthalate	15.72	149	898916	34.954	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	428685	36.820	ng		92
61) 4-Nitroaniline	16.00	138	169635	31.927	ng	#	32
62) Azobenzene	16.25	77	955866	39.651	ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	113703	37.943	ng		87
65) n-Nitrosodiphenylamine	16.17	169	698299	41.343	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	243192	44.187	ng	#	81
67) Hexachlorobenzene	16.96	284	264753	43.049	ng	#	79
68) Atrazine	17.10	200	226762	40.816	ng		99
69) Pentachlorophenol	17.30	266	262186	68.896	ng		99
70) Phenanthrene	17.70	178	1130454	40.086	ng		98
71) Anthracene	17.79	178	1141891	41.231	ng		99
72) Carbazole	18.06	167	955884	37.039	ng		99
73) Di-n-butylphthalate	18.57	149	1241426	35.689	ng	#	98
74) Fluoranthene	19.68	202	1069991	33.004	ng		99
76) Benzidine	19.85	184	395761	38.237	ng		98
77) Pyrene	20.03	202	1049312	47.684	ng		99
79) Butylbenzylphthalate	20.89	149	454104	42.691	ng		87
80) Benzo(a)anthracene	21.74	228	907538	40.519	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	188909	23.475	ng		97
82) Chrysene	21.80	228	841660	40.339	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	610678	38.855	ng		94
84) Di-n-octyl phthalate	22.55	149	960010	37.460	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	976884	50.394	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	821398	37.372	ng	#	96
88) Benzo(k)fluoranthene	23.48	252	820066	38.410	ng		99
89) Benzo(a)pyrene	24.06	252	790118	40.839	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	830823	47.728	ng		96
91) Benzo(g,h,i)perylene	27.41	276	796942	52.105	ng	#	94

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

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