Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015842.D
Acq On : 09 Jul 2018 14:30
Operator : SJ/JU
Sample : PB110790BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Manual Integrations APPROVED
Sohil
7/10/2018 2:50:00 PM

Quant Time: Jul 10 04:37:33 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	8.30	152	55684	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	254893	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	155232	20.00	ng		-0.01
63) Phenanthrene-d10	17.65	188	374957	20.00	ng		0.00
75) Chrysene-d12	21.76	240	481024	20.00	ng		-0.01
86) Perylene-d12	24.16	264	488506	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	362987	111.79	ng		-0.01
7) Phenol-d6	7.45	99	495036	111.37	ng		-0.01
23) Nitrobenzene-d5	9.49	82	535378	102.48	ng		-0.02
41) 2,4,6-Tribromophenol	16.40	330	225816	111.33	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1224834	97.96	ng		-0.02
78) Terphenyl-d14	20.21	244	2393541	92.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	46610	34.710	ng	#	100
3) Pyridine	4.00	79	123508m	34.854	ng		
4) n-Nitrosodimethylamine	3.91	42	121988	44.211	ng	#	42
6) Aniline	7.62	93	163635	30.364	ng		91
8) 2-Chlorophenol	7.86	128	215193	55.222	ng		95
9) Benzaldehyde	7.44	77	100507	35.874	ng		93
10) Phenol	7.48	94	254696	57.024	ng		94
11) bis(2-Chloroethyl)ether	7.72	93	169162	46.558	ng		89
12) 1,3-Dichlorobenzene	8.19	146	195099	45.156	ng	#	90
13) 1,4-Dichlorobenzene	8.34	146	200917	44.969	ng		95
14) 1,2-Dichlorobenzene	8.66	146	198969	46.047	ng		95
15) Benzyl Alcohol	8.55	79	197211	51.103	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	273487	68.922	ng		96
17) 2-Methylphenol	8.75	107	177722	57.433	ng	#	84
18) Hexachloroethane	9.39	117	82335	46.604	ng		95
19) n-Nitroso-di-n-propylamine	9.12	70	166354	46.566	ng	#	78
20) 3+4-Methylphenols	9.08	107	239143	55.637	ng		88
22) Acetophenone	9.15	105	307984	46.383	ng	#	87
24) Nitrobenzene	9.53	77	257340	50.605	ng		98
25) Isophorone	10.05	82	442655	55.514	ng	#	93
26) 2-Nitrophenol	10.25	139	111006	50.693	ng	#	63
27) 2,4-Dimethylphenol	10.29	122	213093	64.057	ng	#	83
28) bis(2-Chloroethoxy)methane	10.53	93	260123	50.073	ng		98
29) 2,4-Dichlorophenol	10.77	162	214026	58.091	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	202489	47.318	ng		98
31) Naphthalene	11.18	128	650399	49.216	ng		99
32) Benzoic acid	10.46	122	130571	44.333	ng		90
33) 4-Chloroaniline	11.30	127	158084	29.340	ng	#	89
34) Hexachlorobutadiene	11.44	225	129293	45.272	ng		98
35) Caprolactam	12.10	113	68647m	56.182	ng		
36) 4-Chloro-3-methylphenol	12.40	107	245158	57.992	ng		88
37) 2-Methylnaphthalene	12.77	142	501443	53.340	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	238031	47.776	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	209085	88.707	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	168636	53.546	ng		98
43) 2,4,5-Trichlorophenol	13.45	196	182855	53.748	ng	#	83
45) 1,1'-Biphenyl	13.76	154	654101	48.736	ng		99
46) 2-Chloronaphthalene	13.81	162	503542	50.180	ng	#	91
47) 2-Nitroaniline	14.02	65	189062	54.027	ng	#	78
48) Acenaphthylene	14.65	152	829208	50.796	ng		99
49) Dimethylphthalate	14.37	163	686465	50.142	ng		99
50) 2,6-Dinitrotoluene	14.51	165	144131	53.995	ng	#	70
51) Acenaphthene	14.99	154	482873	47.537	ng		98
52) 3-Nitroaniline	14.84	138	102342	35.028	ng	#	76
53) 2,4-Dinitrophenol	15.06	184	146801	107.283	ng	#	85
54) Dibenzofuran	15.32	168	798338	51.004	ng	#	85
55) 4-Nitrophenol	15.14	139	255523	118.502	ng	#	75
56) 2,4-Dinitrotoluene	15.30	165	214246	55.594	ng		94
57) Fluorene	15.96	166	673675	52.192	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	164318	57.237	ng	#	100
59) Diethylphthalate	15.72	149	766219	52.227	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	327447	49.301	ng	#	88
61) 4-Nitroaniline	16.00	138	170492	56.250	ng	#	30
62) Azobenzene	16.23	77	799407	58.130	ng		79
64) 4,6-Dinitro-2-methylphenol	16.06	198	111636	48.975	ng		88
65) n-Nitrosodiphenylamine	16.16	169	591788	46.061	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	198897	47.509	ng	#	81
67) Hexachlorobenzene	16.96	284	225554	48.214	ng	#	79
68) Atrazine	17.09	200	227588	53.854	ng		96
69) Pentachlorophenol	17.30	266	266524	92.071	ng		98
70) Phenanthrene	17.69	178	1082560	50.465	ng		99
71) Anthracene	17.78	178	1104183	52.414	ng		98
72) Carbazole	18.05	167	1054345	53.708	ng		98
73) Di-n-butylphthalate	18.57	149	1366878	51.659	ng	#	98
74) Fluoranthene	19.67	202	1320832	53.560	ng		98
76) Benzidine	19.84	184	566994	40.231	ng		99
77) Pyrene	20.03	202	1363631	45.509	ng		99
79) Butylbenzylphthalate	20.88	149	709294	48.970	ng	#	87
80) Benzo(a)anthracene	21.74	228	1550543	50.841	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	330234	30.137	ng		98
82) Chrysene	21.80	228	1436383	50.558	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1055263	49.309	ng		94
84) Di-n-octyl phthalate	22.54	149	1891582	54.206	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1894628	71.778	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1656351	50.785	ng	#	96
88) Benzo(k)fluoranthene	23.47	252	1594393	50.324	ng		98
89) Benzo(a)pyrene	24.06	252	1578492	54.981	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	1623193	62.839	ng		98
91) Benzo(g,h,i)perylene	27.40	276	1487691	65.548	ng	#	94

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

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