Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015854.D
Acq On : 09 Jul 2018 21:54
Operator : SJ/JU
Sample : PB110919BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB110919BS

Manual Integrations APPROVED
Sohil
7/10/2018 2:50:12 PM

Quant Time: Jul 10 03:28:04 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	101494	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	430944	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	255697	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	545304	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	553975	20.00	ng		-0.01
86) Perylene-d12	24.16	264	467551	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	1044849	176.55	ng		-0.01
7) Phenol-d6	7.46	99	1432704	176.83	ng		0.00
23) Nitrobenzene-d5	9.49	82	961440	108.85	ng		-0.01
41) 2,4,6-Tribromophenol	16.40	330	608842	182.23	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	2182698	105.98	ng		-0.01
78) Terphenyl-d14	20.21	244	3487247	116.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	92399	37.751	ng	#	100
3) Pyridine	4.00	79	257461	39.862	ng	#	77
4) n-Nitrosodimethylamine	3.91	42	240338	47.789	ng	#	45
6) Aniline	7.62	93	363686	37.025	ng		90
8) 2-Chlorophenol	7.86	128	414991	58.427	ng		94
9) Benzaldehyde	7.43	77	151134	29.596	ng		89
10) Phenol	7.49	94	493003	60.559	ng		92
11) bis(2-Chloroethyl)ether	7.72	93	331513	50.059	ng		88
12) 1,3-Dichlorobenzene	8.19	146	385271	48.923	ng	#	92
13) 1,4-Dichlorobenzene	8.33	146	395367	48.549	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	392643	49.854	ng		95
15) Benzyl Alcohol	8.55	79	387721	55.122	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	540419	74.721	ng		97
17) 2-Methylphenol	8.75	107	336431	59.650	ng	#	87
18) Hexachloroethane	9.38	117	164262	51.012	ng		95
19) n-Nitroso-di-n-propylamine	9.12	70	331157	50.858	ng	#	79
20) 3+4-Methylphenols	9.08	107	459045	58.594	ng		90
22) Acetophenone	9.15	105	600826	53.520	ng	#	87
24) Nitrobenzene	9.53	77	493958	57.453	ng		99
25) Isophorone	10.05	82	835884	62.004	ng	#	94
26) 2-Nitrophenol	10.25	139	214636	57.975	ng	#	61
27) 2,4-Dimethylphenol	10.29	122	378111	67.229	ng	#	85
28) bis(2-Chloroethoxy)methane	10.53	93	484905	55.210	ng		99
29) 2,4-Dichlorophenol	10.77	162	391609	62.869	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	387876	53.611	ng		97
31) Naphthalene	11.18	128	1204252	53.899	ng		99
32) Benzoic acid	10.49	122	238171m	47.830	ng		
33) 4-Chloroaniline	11.29	127	191974	21.074	ng	#	89
34) Hexachlorobutadiene	11.43	225	254305	52.668	ng		98
35) Caprolactam	12.12	113	119945m	58.062	ng		
36) 4-Chloro-3-methylphenol	12.40	107	450120	62.978	ng		89
37) 2-Methylnaphthalene	12.77	142	961451	60.492	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	459878	56.037	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	535128	132.588	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	314405	60.607 ng		99
43) 2,4,5-Trichlorophenol	13.45	196	333003	59.424 ng	#	85
45) 1,1'-Biphenyl	13.76	154	1231183	55.691 ng		99
46) 2-Chloronaphthalene	13.81	162	940728	56.913 ng	#	91
47) 2-Nitroaniline	14.02	65	335018	58.121 ng	#	79
48) Acenaphthylene	14.65	152	1550547	57.665 ng		99
49) Dimethylphthalate	14.38	163	1236604	54.837 ng		99
50) 2,6-Dinitrotoluene	14.51	165	260180	59.174 ng	#	71
51) Acenaphthene	14.99	154	887920	53.067 ng		97
52) 3-Nitroaniline	14.84	138	149734	31.113 ng	#	75
53) 2,4-Dinitrophenol	15.06	184	270979	119.380 ng	#	86
54) Dibenzofuran	15.32	168	1453591	56.379 ng	#	87
55) 4-Nitrophenol	15.15	139	422267	118.888 ng	#	72
56) 2,4-Dinitrotoluene	15.30	165	370109	58.304 ng		96
57) Fluorene	15.96	166	1187158	55.837 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	292736	61.905 ng	#	100
59) Diethylphthalate	15.72	149	1316006	54.457 ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	591319	54.050 ng	#	90
61) 4-Nitroaniline	16.00	138	246162	49.305 ng	#	37
62) Azobenzene	16.24	77	1381552	60.989 ng		82
64) 4,6-Dinitro-2-methylphenol	16.06	198	185499	55.957 ng		86
65) n-Nitrosodiphenylamine	16.16	169	1012780	54.203 ng		99
66) 4-Bromophenyl-phenylether	16.83	248	353604	58.078 ng	#	83
67) Hexachlorobenzene	16.95	284	386169	56.761 ng	#	75
68) Atrazine	17.10	200	366386	59.614 ng		98
69) Pentachlorophenol	17.30	266	439626	104.427 ng		100
70) Phenanthrene	17.69	178	1771542	56.785 ng		99
71) Anthracene	17.78	178	1811104	59.114 ng		99
72) Carbazole	18.05	167	1604331	56.195 ng		99
73) Di-n-butylphthalate	18.57	149	2213263	57.516 ng	#	97
74) Fluoranthene	19.67	202	1989511	55.473 ng		98
76) Benzidine	19.84	184	758522	46.733 ng		99
77) Pyrene	20.03	202	2018958	58.507 ng		100
79) Butylbenzylphthalate	20.87	149	1017851	61.019 ng	#	82
80) Benzo(a)anthracene	21.74	228	1999401	56.925 ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	427773	33.897 ng		99
82) Chrysene	21.80	228	1834508	56.068 ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1480552	60.071 ng		95
84) Di-n-octyl phthalate	22.54	149	2419833	60.212 ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1634183	53.758 ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1786406	57.228 ng	#	97
88) Benzo(k)fluoranthene	23.47	252	1689738	55.724 ng		98
89) Benzo(a)pyrene	24.05	252	1607368	58.496 ng		99
90) Dibenzo(a,h)anthracene	26.63	278	1415923	57.271 ng		97
91) Benzo(g,h,i)perylene	27.39	276	1237328	56.960 ng	#	94

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

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