Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015808.D
Acq On : 06 Jul 2018 18:53
Operator : SJ/JU
Sample : PB110833BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Manual Integrations APPROVED
Sohil
7/9/2018 1:55:46 PM

Quant Time: Jul 07 02:10:17 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	122178	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	505477	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	276598	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	536597	20.00	ng		0.00
75) Chrysene-d12	21.76	240	402222	20.00	ng		0.00
86) Perylene-d12	24.16	264	347566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	886490	124.43	ng		0.00
7) Phenol-d6	7.46	99	1139651	116.85	ng		0.00
23) Nitrobenzene-d5	9.50	82	785209	75.79	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	409491	113.30	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	1682142	75.50	ng		0.00
78) Terphenyl-d14	20.22	244	1899832	87.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	86005	29.190	ng	#	100
3) Pyridine	4.01	79	225588	29.014	ng	#	79
4) n-Nitrosodimethylamine	3.92	42	202148	33.391	ng	#	42
6) Aniline	7.63	93	211478	17.885	ng		91
8) 2-Chlorophenol	7.86	128	314417	36.773	ng		94
9) Benzaldehyde	7.44	77	133572	21.729	ng		92
10) Phenol	7.49	94	358846	36.617	ng		94
11) bis(2-Chloroethyl)ether	7.72	93	259425	32.542	ng		87
12) 1,3-Dichlorobenzene	8.19	146	327713	34.569	ng	#	89
13) 1,4-Dichlorobenzene	8.34	146	334599	34.132	ng		95
14) 1,2-Dichlorobenzene	8.66	146	322557	34.022	ng		95
15) Benzyl Alcohol	8.56	79	278965	32.946	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	409961	47.087	ng		98
17) 2-Methylphenol	8.75	107	250028	36.826	ng	#	87
18) Hexachloroethane	9.39	117	136738	35.275	ng		95
19) n-Nitroso-di-n-propylamine	9.12	70	238673	30.449	ng	#	78
20) 3+4-Methylphenols	9.09	107	332862	35.295	ng		89
22) Acetophenone	9.15	105	452218	34.343	ng	#	89
24) Nitrobenzene	9.54	77	372106	36.898	ng		99
25) Isophorone	10.06	82	611442	38.668	ng	#	95
26) 2-Nitrophenol	10.25	139	162029	37.312	ng	#	64
27) 2,4-Dimethylphenol	10.29	122	278015	42.143	ng	#	84
28) bis(2-Chloroethoxy)methane	10.53	93	366400	35.566	ng		99
29) 2,4-Dichlorophenol	10.78	162	291896	39.951	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	311851	36.748	ng		98
31) Naphthalene	11.19	128	942947	35.981	ng		99
32) Benzoic acid	10.47	122	171731m	29.402	ng		
33) 4-Chloroaniline	11.30	127	118038	11.047	ng	#	87
34) Hexachlorobutadiene	11.45	225	204460	36.101	ng		99
35) Caprolactam	12.11	113	77264m	31.887	ng		
36) 4-Chloro-3-methylphenol	12.40	107	305951	36.495	ng		89
37) 2-Methylnaphthalene	12.77	142	696681	37.370	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	341083	38.421	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	395711	93.632	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	218423	38.923	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	227823	37.582	ng	#	85
45) 1,1'-Biphenyl	13.77	154	871858	36.457	ng		99
46) 2-Chloronaphthalene	13.82	162	675304	37.768	ng	#	91
47) 2-Nitroaniline	14.03	65	215264	34.523	ng	#	80
48) Acenaphthylene	14.66	152	1073178	36.895	ng		99
49) Dimethylphthalate	14.38	163	826711	33.890	ng		100
50) 2,6-Dinitrotoluene	14.52	165	172376	36.242	ng	#	72
51) Acenaphthene	14.99	154	618756	34.186	ng		97
52) 3-Nitroaniline	14.84	138	80652	15.492	ng	#	81
53) 2,4-Dinitrophenol	15.06	184	144551	62.417	ng	#	89
54) Dibenzofuran	15.32	168	993005	35.604	ng	#	88
55) 4-Nitrophenol	15.14	139	250914	65.306	ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	236920	34.502	ng		95
57) Fluorene	15.97	166	789694	34.336	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	191296	37.397	ng	#	100
59) Diethylphthalate	15.72	149	852850	32.625	ng		97
60) 4-Chlorophenyl-phenylether	15.95	204	398917	33.708	ng	#	88
61) 4-Nitroaniline	16.00	138	160231	29.669	ng	#	42
62) Azobenzene	16.24	77	894437	36.502	ng		80
64) 4,6-Dinitro-2-methylphenol	16.06	198	106476	32.640	ng		88
65) n-Nitrosodiphenylamine	16.17	169	665713	36.206	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	229345	38.280	ng	#	83
67) Hexachlorobenzene	16.96	284	250315	37.389	ng	#	81
68) Atrazine	17.10	200	227985	37.697	ng		98
69) Pentachlorophenol	17.30	266	248870	60.075	ng		98
70) Phenanthrene	17.70	178	1099840	35.826	ng		99
71) Anthracene	17.79	178	1118943	37.115	ng		98
72) Carbazole	18.05	167	942031	33.532	ng		98
73) Di-n-butylphthalate	18.57	149	1249155	32.989	ng	#	97
74) Fluoranthene	19.67	202	1087390	30.811	ng		99
76) Benzidine	19.85	184	308126	26.146	ng		99
77) Pyrene	20.03	202	1078734	43.054	ng		99
79) Butylbenzylphthalate	20.88	149	468577	38.689	ng	#	84
80) Benzo(a)anthracene	21.74	228	933591	36.609	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	149866	16.356	ng		98
82) Chrysene	21.80	228	860941	36.241	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	639176	35.718	ng		95
84) Di-n-octyl phthalate	22.55	149	980809	33.613	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	911505	41.298	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	835564	36.008	ng	#	95
88) Benzo(k)fluoranthene	23.48	252	781944	34.689	ng		98
89) Benzo(a)pyrene	24.06	252	764058	37.405	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	776465	42.248	ng		97
91) Benzo(g,h,i)perylene	27.40	276	743522	46.044	ng	#	95

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

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