Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017929.D
Acq On : 05 Dec 2018 07:48
Operator : JU/SJ
Sample : PB115307BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115307BSD

Manual Integrations APPROVED
mohammad
12/5/2018 4:50:27 PM

Quant Time: Dec 05 10:10:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	108254	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	425798	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	224402	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	474032	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	529195	20.00	ng	-0.02
87) Perylene-d12	23.37	264	592914	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	583627	90.99	ng	-0.03
7) Phenol-d6	6.77	99	766638	85.57	ng	-0.04
23) Nitrobenzene-d5	8.73	82	684705	83.02	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	290885	90.22	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1601433	92.58	ng	-0.04
79) Terphenyl-d14	19.63	244	2131624	91.29	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	92491	34.621	ng	# 88
3) Pyridine	3.59	79	278344	35.520	ng	# 84
4) n-Nitrosodimethylamine	3.50	42	119944	34.747	ng	82
6) Aniline	6.92	93	157875	14.211	ng	99
8) 2-Chlorophenol	7.15	128	319226	41.584	ng	92
9) Benzaldehyde	6.74	77	143172	21.938	ng	93
10) Phenol	6.80	94	377206	40.114	ng	94
11) bis(2-Chloroethyl)ether	7.02	93	276799	37.288	ng	93
12) 1,3-Dichlorobenzene	7.47	146	336143	39.028	ng	95
13) 1,4-Dichlorobenzene	7.62	146	340899	38.615	ng	97
14) 1,2-Dichlorobenzene	7.92	146	336233	39.279	ng	100
15) Benzyl Alcohol	7.83	79	249455	34.964	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.10	45	318792	28.206	ng	92
17) 2-Methylphenol	8.03	107	251495	39.701	ng	96
18) Hexachloroethane	8.63	117	111330	35.781	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	219652	34.146	ng	90
20) 3+4-Methylphenols	8.36	107	335755	38.148	ng	95
22) Acetophenone	8.40	105	438558	41.268	ng	# 93
24) Nitrobenzene	8.77	77	325473	38.894	ng	98
25) Isophorone	9.30	82	579037	45.454	ng	98
26) 2-Nitrophenol	9.48	139	146335	37.964	ng	94
27) 2,4-Dimethylphenol	9.55	122	275547	49.602	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	361362	41.883	ng	98
29) 2,4-Dichlorophenol	10.01	162	276850	42.932	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	303659	40.487	ng	97
31) Naphthalene	10.40	128	930823	44.462	ng	100
32) Benzoic acid	9.70	122	178761	35.524	ng	97
33) 4-Chloroaniline	10.53	127	78830	8.598	ng	99
34) Hexachlorobutadiene	10.67	225	187463	40.261	ng	98
35) Caprolactam	11.32	113	87129m	36.689	ng	
36) 4-Chloro-3-methylphenol	11.66	107	294207	39.516	ng	98
37) 2-Methylnaphthalene	12.02	142	668076	45.152	ng	98
38) 1-Methylnaphthalene	12.24	142	639646	44.090	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	330989	41.828	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	231917	56.718	ng		98
43) 2,4,6-Trichlorophenol	12.65	196	217901	43.963	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	226057	43.195	ng		97
46) 1,1'-Biphenyl	13.05	154	811020	40.264	ng		99
47) 2-Chloronaphthalene	13.09	162	633218	42.354	ng		98
48) 2-Nitroaniline	13.32	65	185334	40.084	ng		94
49) Acenaphthylene	13.94	152	1026116	45.681	ng		100
50) Dimethylphthalate	13.70	163	751519	41.191	ng		99
51) 2,6-Dinitrotoluene	13.82	165	153170	37.702	ng		95
52) Acenaphthene	14.29	154	591943	42.940	ng		99
53) 3-Nitroaniline	14.16	138	86645	19.589	ng	#	93
54) 2,4-Dinitrophenol	14.37	184	98547	43.317	ng		95
55) Dibenzofuran	14.63	168	941197	41.778	ng		98
56) 4-Nitrophenol	14.48	139	267220	72.376	ng		96
57) 2,4-Dinitrotoluene	14.62	165	210375	38.415	ng		99
58) Fluorene	15.29	166	761288	44.141	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	210934	43.821	ng		99
60) Diethylphthalate	15.07	149	755860	38.343	ng		100
61) 4-Chlorophenyl-phenylether	15.29	204	382582	39.044	ng		98
62) 4-Nitroaniline	15.33	138	167640	40.215	ng		93
63) Azobenzene	15.58	77	696770	38.235	ng		94
65) 4,6-Dinitro-2-methylphenol	15.39	198	69885	21.281	ng		92
66) n-Nitrosodiphenylamine	15.50	169	660985	43.370	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	236661	42.213	ng		96
68) Hexachlorobenzene	16.29	284	261520	41.379	ng		95
69) Atrazine	16.47	200	225738	40.270	ng		98
70) Pentachlorophenol	16.64	266	320740	72.428	ng		99
71) Phenanthrene	17.03	178	1182718	45.981	ng		99
72) Anthracene	17.12	178	1208307	48.275	ng		99
73) Carbazole	17.40	167	1088174	43.024	ng		99
74) Di-n-butylphthalate	17.96	149	1278013	45.392	ng		99
75) Fluoranthene	19.06	202	1372389	47.155	ng		99
77) Benzidine	19.26	184	1235151	71.675	ng		100
78) Pyrene	19.42	202	1415670	43.356	ng		100
80) Butylbenzylphthalate	20.33	149	595859	44.930	ng		99
81) Benzo(a)anthracene	21.18	228	1397660	45.843	ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	529178	44.973	ng		100
83) Chrysene	21.23	228	1308881	44.201	ng		99
84) Bis(2-ethylhexyl)phthalate	21.12	149	861186	43.926	ng		99
85) Di-n-octyl phthalate	21.98	149	1499895	47.778	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.56	276	1805328	76.294	ng		100
88) Benzo(b)fluoranthene	22.73	252	1486879	42.821	ng		99
89) Benzo(k)fluoranthene	22.77	252	1395526	39.763	ng		100
90) Benzo(a)pyrene	23.29	252	1451365	45.842	ng		99
91) Dibenzo(a,h)anthracene	25.56	278	1527507	57.389	ng		99
92) Benzo(g,h,i)perylene	26.22	276	1523409	60.864	ng		99

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

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