Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017958.D
Acq On : 06 Dec 2018 05:38
Operator : JU/SJ
Sample : PB115363BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB115363BS

Manual Integrations APPROVED
mohammad
12/6/2018 12:20:34 PM

Quant Time: Dec 06 07:29:14 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	7.56	152	146123	20.00	ng		-0.05
21) Naphthalene-d8	10.33	136	536958	20.00	ng		-0.06
39) Acenaphthene-d10	14.21	164	270963	20.00	ng		-0.05
64) Phenanthrene-d10	16.97	188	552531	20.00	ng		-0.05
76) Chrysene-d12	21.18	240	550873	20.00	ng		-0.04
87) Perylene-d12	23.36	264	557760	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	935445	108.04	ng		-0.05
7) Phenol-d6	6.76	99	1197945	99.06	ng		-0.05
23) Nitrobenzene-d5	8.72	82	733891	70.56	ng		-0.06
42) 2,4,6-Tribromophenol	15.72	330	408923	105.03	ng		-0.05
45) 2-Fluorobiphenyl	12.82	172	1624529	77.78	ng		-0.05
79) Terphenyl-d14	19.62	244	1973273	81.19	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	116082	32.191	ng	#	86
3) Pyridine	3.57	79	325429	30.766	ng		85
4) n-Nitrosodimethylamine	3.49	42	140687	30.194	ng	#	79
6) Aniline	6.91	93	166075	11.075	ng		98
8) 2-Chlorophenol	7.13	128	365503	35.273	ng		92
9) Benzaldehyde	6.72	77	162961	18.499	ng		95
10) Phenol	6.78	94	416478	32.812	ng		95
11) bis(2-Chloroethyl)ether	7.00	93	324784	32.413	ng		94
12) 1,3-Dichlorobenzene	7.45	146	410398	35.301	ng		96
13) 1,4-Dichlorobenzene	7.60	146	413998	34.742	ng		98
14) 1,2-Dichlorobenzene	7.90	146	394881	34.175	ng		99
15) Benzyl Alcohol	7.81	79	292335	30.356	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.09	45	358410	23.493	ng		92
17) 2-Methylphenol	8.01	107	284893	33.318	ng		97
18) Hexachloroethane	8.62	117	150016	35.719	ng		97
19) n-Nitroso-di-n-propylamine	8.37	70	248794	28.653	ng		90
20) 3+4-Methylphenols	8.34	107	368832	31.046	ng		97
22) Acetophenone	8.39	105	504993	37.682	ng	#	93
24) Nitrobenzene	8.76	77	368204	34.891	ng		97
25) Isophorone	9.27	82	652989	40.647	ng		100
26) 2-Nitrophenol	9.46	139	185734	38.211	ng		97
27) 2,4-Dimethylphenol	9.53	122	300447	42.888	ng		97
28) bis(2-Chloroethoxy)methane	9.76	93	405760	37.293	ng		96
29) 2,4-Dichlorophenol	9.99	162	304435	37.436	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	332843	35.191	ng		95
31) Naphthalene	10.38	128	1046115	39.625	ng		100
32) Benzoic acid	9.68	122	180648m	28.467	ng		
33) 4-Chloroaniline	10.52	127	65646	5.678	ng		95
34) Hexachlorobutadiene	10.65	225	210133	35.788	ng		98
35) Caprolactam	11.30	113	87848m	29.334	ng		
36) 4-Chloro-3-methylphenol	11.64	107	315183	33.570	ng		97
37) 2-Methylnaphthalene	12.00	142	737874	39.545	ng		97
38) 1-Methylnaphthalene	12.22	142	693772	37.921	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	375126	39.260	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	490508	99.347	ng		97
43) 2,4,6-Trichlorophenol	12.63	196	233933	39.087	ng		98
44) 2,4,5-Trichlorophenol	12.70	196	245750	38.889	ng		98
46) 1,1'-Biphenyl	13.03	154	901904	37.082	ng		100
47) 2-Chloronaphthalene	13.07	162	687248	38.069	ng		98
48) 2-Nitroaniline	13.30	65	183069	32.791	ng		91
49) Acenaphthylene	13.93	152	1090449	40.203	ng		100
50) Dimethylphthalate	13.68	163	801323	36.374	ng		99
51) 2,6-Dinitrotoluene	13.80	165	180190	36.731	ng		96
52) Acenaphthene	14.27	154	643365	38.650	ng		96
53) 3-Nitroaniline	14.15	138	47274	8.851	ng		96
54) 2,4-Dinitrophenol	14.36	184	131196	47.029	ng		94
55) Dibenzofuran	14.62	168	1005861	36.977	ng		98
56) 4-Nitrophenol	14.46	139	265748	60.484	ng		96
57) 2,4-Dinitrotoluene	14.60	165	241861	36.575	ng		98
58) Fluorene	15.27	166	799157	38.375	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.85	232	218896	37.661	ng		99
60) Diethylphthalate	15.06	149	802098	33.697	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	404965	34.227	ng		98
62) 4-Nitroaniline	15.32	138	130955	26.016	ng		97
63) Azobenzene	15.56	77	745418	33.876	ng		95
65) 4,6-Dinitro-2-methylphenol	15.37	198	114187	29.832	ng		92
66) n-Nitrosodiphenylamine	15.49	169	689544	38.816	ng		99
67) 4-Bromophenyl-phenylether	16.16	248	247653	37.898	ng		96
68) Hexachlorobenzene	16.27	284	273998	37.194	ng		97
69) Atrazine	16.45	200	234963	35.961	ng		97
70) Pentachlorophenol	16.62	266	319970	61.989	ng		99
71) Phenanthrene	17.01	178	1185754	39.549	ng		99
72) Anthracene	17.10	178	1206751	41.363	ng		99
73) Carbazole	17.39	167	1050722	35.641	ng		98
74) Di-n-butylphthalate	17.95	149	1274233	38.828	ng		98
75) Fluoranthene	19.04	202	1310847	38.642	ng		99
77) Benzidine	19.24	184	401753	22.396	ng		99
78) Pyrene	19.40	202	1342443	39.496	ng		99
80) Butylbenzylphthalate	20.32	149	554057	40.134	ng		98
81) Benzo(a)anthracene	21.16	228	1276778	40.230	ng		99
82) 3,3'-Dichlorobenzidine	21.11	252	252248	20.594	ng		96
83) Chrysene	21.22	228	1202609	39.014	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	802506	39.322	ng		99
85) Di-n-octyl phthalate	21.97	149	1377411	42.149	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.52	276	1455941	59.107	ng		99
88) Benzo(b)fluoranthene	22.71	252	1281506	39.233	ng		100
89) Benzo(k)fluoranthene	22.76	252	1202768	36.431	ng		99
90) Benzo(a)pyrene	23.26	252	1216302	40.839	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	1248060	49.845	ng		100
92) Benzo(g,h,i)perylene	26.19	276	1221245	51.867	ng		99

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

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