Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018430.D
Acq On : 28 Dec 2018 12:19
Operator : JU/SJ
Sample : PB116023BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Manual Integrations APPROVED
Sohil
12/28/2018 3:59:30 PM

Quant Time: Dec 28 13:41:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	545104	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	2311942	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1280964	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	2677464	20.00	ng		0.00
76) Chrysene-d12	21.37	240	2502192	20.00	ng		0.00
87) Perylene-d12	23.67	264	2033892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	3882338	134.28	ng		0.02
7) Phenol-d6	6.97	99	4938320	123.01	ng		0.03
23) Nitrobenzene-d5	8.95	82	2562008	63.60	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	1830263	112.45	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	6364086	67.29	ng		0.00
79) Terphenyl-d14	19.81	244	9030688	76.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	409960	34.817	ng		99
3) Pyridine	3.77	79	577207	17.772	ng		96
4) n-Nitrosodimethylamine	3.62	42	605735	45.741	ng	#	94
6) Aniline	7.22	93	1369085m	27.341	ng		
8) 2-Chlorophenol	7.36	128	1716680	49.236	ng		96
9) Benzaldehyde	6.93	77	246782	8.756	ng		93
10) Phenol	6.99	94	1917104	46.416	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	1371906	42.612	ng		98
12) 1,3-Dichlorobenzene	7.67	146	1708340	41.711	ng		98
13) 1,4-Dichlorobenzene	7.82	146	1733372	41.656	ng		99
14) 1,2-Dichlorobenzene	8.13	146	1706692	41.802	ng		99
15) Benzyl Alcohol	8.03	79	917544	29.444	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1840596	35.900	ng		96
17) 2-Methylphenol	8.24	107	1335952	45.659	ng		99
18) Hexachloroethane	8.85	117	625342	42.104	ng		96
19) n-Nitroso-di-n-propylamine	8.59	70	1099406	35.947	ng		96
20) 3+4-Methylphenols	8.56	107	1793471	45.689	ng		98
22) Acetophenone	8.61	105	2284381	38.917	ng		98
24) Nitrobenzene	8.99	77	1648992	41.366	ng		96
25) Isophorone	9.51	82	3014413	43.141	ng		99
26) 2-Nitrophenol	9.70	139	869631	50.147	ng		95
27) 2,4-Dimethylphenol	9.76	122	1503100	51.935	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	1907698	43.500	ng		99
29) 2,4-Dichlorophenol	10.24	162	1610833	50.323	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	1706787	43.527	ng		99
31) Naphthalene	10.63	128	5041514	45.243	ng		99
32) Benzoic acid	9.93	122	755815	45.239	ng		99
33) 4-Chloroaniline	10.92	127	1861164m	36.456	ng		
34) Hexachlorobutadiene	10.90	225	1015776	42.662	ng		98
35) Caprolactam	11.57	113	467376m	39.508	ng		
36) 4-Chloro-3-methylphenol	11.89	107	1552079	42.776	ng		100
37) 2-Methylnaphthalene	12.24	142	3706295	45.421	ng		100
38) 1-Methylnaphthalene	12.46	142	3523261	44.417	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	1849215	46.112	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	1741349	89.554	ng		100
43) 2,4,6-Trichlorophenol	12.86	196	1244386	54.628	ng		99
44) 2,4,5-Trichlorophenol	12.95	196	1293659	51.969	ng		98
46) 1,1'-Biphenyl	13.26	154	4617903	42.186	ng		99
47) 2-Chloronaphthalene	13.30	162	3586814	42.782	ng		99
48) 2-Nitroaniline	13.52	65	950300	42.241	ng		93
49) Acenaphthylene	14.15	152	5746547	44.521	ng		99
50) Dimethylphthalate	13.90	163	4432152	41.414	ng		100
51) 2,6-Dinitrotoluene	14.02	165	972326	43.290	ng		95
52) Acenaphthene	14.50	154	3300041	42.366	ng		99
53) 3-Nitroaniline	14.37	138	930718	37.260	ng		94
54) 2,4-Dinitrophenol	14.56	184	635555	75.558	ng	#	89
55) Dibenzofuran	14.83	168	5300631	41.589	ng		99
56) 4-Nitrophenol	14.68	139	1509777m	70.837	ng		
57) 2,4-Dinitrotoluene	14.80	165	1325391	43.613	ng		98
58) Fluorene	15.48	166	4240858	42.719	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	1090029	47.416	ng		97
60) Diethylphthalate	15.26	149	4456925	39.817	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	2151881	39.454	ng		99
62) 4-Nitroaniline	15.52	138	903325	33.975	ng		96
63) Azobenzene	15.77	77	3729969	36.560	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	512436	45.879	ng		86
66) n-Nitrosodiphenylamine	15.70	169	3689808	44.217	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	1295033	44.416	ng		95
68) Hexachlorobenzene	16.47	284	1395923	42.265	ng		98
69) Atrazine	16.66	200	1168355	37.770	ng		97
70) Pentachlorophenol	16.83	266	1520105	78.931	ng		99
71) Phenanthrene	17.22	178	6386908	45.063	ng		100
72) Anthracene	17.32	178	6505191	46.073	ng		100
73) Carbazole	17.59	167	5819948	39.249	ng		100
74) Di-n-butylphthalate	18.14	149	7270053	43.137	ng		99
75) Fluoranthene	19.24	202	7140260	42.539	ng		99
77) Benzidine	19.44	184	3711913m	51.898	ng		
78) Pyrene	19.60	202	7189071	49.498	ng		99
80) Butylbenzylphthalate	20.51	149	3203622	48.552	ng		98
81) Benzo(a)anthracene	21.36	228	6834978	46.507	ng		100
82) 3,3'-Dichlorobenzidine	21.30	252	2254893	39.936	ng		99
83) Chrysene	21.41	228	6336407	44.690	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	4697518	47.978	ng		98
85) Di-n-octyl phthalate	22.18	149	7917362	48.921	ng		96
86) Indeno(1,2,3-cd)pyrene	26.01	276	6168051	35.144	ng		99
88) Benzo(b)fluoranthene	22.97	252	6216252	54.796	ng		99
89) Benzo(k)fluoranthene	23.02	252	6000860	52.888	ng		99
90) Benzo(a)pyrene	23.57	252	5756497	52.823	ng		99
91) Dibenzo(a,h)anthracene	26.02	278	5229113	46.076	ng		100
92) Benzo(g,h,i)perylene	26.72	276	5046986	46.445	ng		99

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

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