Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
Data File : BM016562.D
Acq On : 23 Aug 2018 21:22
Operator : SJ/JU
Sample : PB112325BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112325BSD

Manual Integrations APPROVED
Sohil
8/24/2018 8:40:55 AM

Quant Time: Aug 24 08:21:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	176011m	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	688610	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	544876	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	1640488	20.00	ng		0.00
75) Chrysene-d12	21.54	240	2089927	20.00	ng		0.00
86) Perylene-d12	23.82	264	1826603	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	868620	96.71	ng		0.00
7) Phenol-d6	7.19	99	1087799	91.52	ng		0.00
23) Nitrobenzene-d5	9.20	82	1207766	80.08	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	1480109	97.17	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	5090311	89.80	ng		-0.01
78) Terphenyl-d14	19.99	244	9920544	100.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	171395	34.540	ng	#	100
3) Pyridine	3.80	79	332361	32.192	ng	#	81
4) n-Nitrosodimethylamine	3.72	42	205418	44.662	ng	#	73
6) Aniline	7.35	93	454894	34.202	ng		89
8) 2-Chlorophenol	7.57	128	470843	44.054	ng		96
9) Benzaldehyde	7.16	77	208537	25.281	ng	#	79
10) Phenol	7.22	94	501289	42.647	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	342817	38.893	ng		95
12) 1,3-Dichlorobenzene	7.89	146	552642	39.000	ng	#	87
13) 1,4-Dichlorobenzene	8.05	146	562516	38.681	ng		97
14) 1,2-Dichlorobenzene	8.36	146	565444	39.578	ng		96
15) Benzyl Alcohol	8.27	79	470294	42.608	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.53	45	221127	36.434	ng	#	28
17) 2-Methylphenol	8.47	107	369871	43.453	ng	#	74
18) Hexachloroethane	9.07	117	274554	40.981	ng	#	43
19) n-Nitroso-di-n-propylamine	8.83	70	366082	39.285	ng	#	86
20) 3+4-Methylphenols	8.80	107	487749	41.444	ng	#	83
22) Acetophenone	8.86	105	694254	41.868	ng	#	97
24) Nitrobenzene	9.24	77	613819	40.734	ng		91
25) Isophorone	9.76	82	979313	48.585	ng	#	96
26) 2-Nitrophenol	9.95	139	279898	43.449	ng	#	47
27) 2,4-Dimethylphenol	10.00	122	417760	49.762	ng	#	76
28) bis(2-Chloroethoxy)methane	10.23	93	529286	43.989	ng		96
29) 2,4-Dichlorophenol	10.48	162	648576	51.619	ng		89
30) 1,2,4-Trichlorobenzene	10.68	180	935378	49.062	ng	#	96
31) Naphthalene	10.87	128	1441065	43.924	ng		99
32) Benzoic acid	10.23	122	257602	36.673	ng	#	66
33) 4-Chloroaniline	11.00	127	357208	25.871	ng	#	85
34) Hexachlorobutadiene	11.12	225	893273	49.089	ng		95
35) Caprolactam	11.83	113	109864m	36.440	ng		
36) 4-Chloro-3-methylphenol	12.13	107	516248	42.739	ng		97
37) 2-Methylnaphthalene	12.47	142	1280862	49.870	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	1396096	45.367	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1658973	105.467	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	872059	47.389	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	832501m	46.313	ng		
45) 1,1'-Biphenyl	13.49	154	1876433	39.274	ng		98
46) 2-Chloronaphthalene	13.53	162	1566385	40.354	ng		97
47) 2-Nitroaniline	13.76	65	365120	35.315	ng	#	83
48) Acenaphthylene	14.38	152	2321213	42.365	ng		99
49) Dimethylphthalate	14.12	163	2194704	41.925	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	438904	42.986	ng	#	88
51) Acenaphthene	14.72	154	1352085	40.167	ng		99
52) 3-Nitroaniline	14.60	138	231405	24.908	ng	#	75
53) 2,4-Dinitrophenol	14.82	184	435197	85.171	ng	#	69
54) Dibenzofuran	15.06	168	2859026	44.368	ng		96
55) 4-Nitrophenol	14.92	139	421736	71.172	ng	#	83
56) 2,4-Dinitrotoluene	15.06	165	713223	41.890	ng	#	94
57) Fluorene	15.70	166	2294486	47.135	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	837133	48.454	ng	#	100
59) Diethylphthalate	15.47	149	2074617	38.009	ng		94
60) 4-Chlorophenyl-phenylether	15.69	204	1837517	45.012	ng	#	85
61) 4-Nitroaniline	15.77	138	278971	30.725	ng	#	1
62) Azobenzene	15.99	77	2214947	38.099	ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	434020	34.820	ng	#	57
65) n-Nitrosodiphenylamine	15.92	169	1916890	41.536	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	1108767	43.987	ng		97
67) Hexachlorobenzene	16.70	284	1260452	42.879	ng		94
68) Atrazine	16.86	200	1027166	48.769	ng		91
69) Pentachlorophenol	17.05	266	1124291	72.286	ng		100
70) Phenanthrene	17.44	178	3775658	44.530	ng		100
71) Anthracene	17.53	178	3883884	46.129	ng		99
72) Carbazole	17.81	167	2736379	36.164	ng		98
73) Di-n-butylphthalate	18.33	149	3405760	36.920	ng	#	96
74) Fluoranthene	19.44	202	5397429	43.415	ng		94
76) Benzidine	19.63	184	1385067	34.462	ng		99
77) Pyrene	19.80	202	5433163	47.836	ng		99
79) Butylbenzylphthalate	20.66	149	1558071	39.742	ng	#	81
80) Benzo(a)anthracene	21.52	228	5500343	44.766	ng		98
81) 3,3'-Dichlorobenzidine	21.46	252	1516682	27.731	ng	#	97
82) Chrysene	21.57	228	4916747	41.939	ng		99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2227028	38.211	ng	#	96
84) Di-n-octyl phthalate	22.30	149	3506003	36.199	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.14	276	5974264	35.436	ng	#	92
87) Benzo(b)fluoranthene	23.13	252	5559750	52.802	ng	#	90
88) Benzo(k)fluoranthene	23.18	252	5074815	47.368	ng	#	93
89) Benzo(a)pyrene	23.73	252	4969618	48.506	ng	#	94
90) Dibenzo(a,h)anthracene	26.14	278	5067874	44.137	ng	#	87
91) Benzo(g,h,i)perylene	26.85	276	4486159	43.526	ng	#	82

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

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