Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
Data File : BM016580.D
Acq On : 24 Aug 2018 10:15
Operator : SJ/JU
Sample : PB112310BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112310BS

Manual Integrations APPROVED
Sohil
8/27/2018 9:46:07 AM

Quant Time: Aug 24 11:00:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 10:59:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	133839	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	526749	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	403057	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	1207417	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1526520	20.00	ng		0.00
86) Perylene-d12	23.82	264	1456484	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	733414	107.38	ng		0.00
7) Phenol-d6	7.19	99	904556	100.08	ng		0.00
23) Nitrobenzene-d5	9.19	82	761689	66.02	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	1187860	105.43	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2915026	69.52	ng		0.00
78) Terphenyl-d14	19.98	244	6000542	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	145121	38.460	ng	#	100
3) Pyridine	3.80	79	276252	35.189	ng	#	83
4) n-Nitrosodimethylamine	3.72	42	162578	46.485	ng	#	69
6) Aniline	7.35	93	323772	32.014	ng		89
8) 2-Chlorophenol	7.57	128	351505	43.251	ng		98
9) Benzaldehyde	7.16	77	218144	34.779	ng	#	83
10) Phenol	7.21	94	364654	40.798	ng		83
11) bis(2-Chloroethyl)ether	7.44	93	257538	38.425	ng		98
12) 1,3-Dichlorobenzene	7.89	146	418830	38.870	ng	#	88
13) 1,4-Dichlorobenzene	8.04	146	421690	38.135	ng		97
14) 1,2-Dichlorobenzene	8.36	146	414448	38.149	ng		97
15) Benzyl Alcohol	8.27	79	308386	36.743	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.54	45	171156	37.086	ng	#	41
17) 2-Methylphenol	8.46	107	256212	39.585	ng	#	76
18) Hexachloroethane	9.07	117	213849	41.978	ng	#	42
19) n-Nitroso-di-n-propylamine	8.83	70	268937	37.953	ng		89
20) 3+4-Methylphenols	8.80	107	354289	39.589	ng		82
22) Acetophenone	8.85	105	530506	41.824	ng	#	95
24) Nitrobenzene	9.24	77	450088	39.047	ng		94
25) Isophorone	9.75	82	719641	46.673	ng	#	95
26) 2-Nitrophenol	9.95	139	201977	40.987	ng	#	44
27) 2,4-Dimethylphenol	10.00	122	309862	48.251	ng	#	71
28) bis(2-Chloroethoxy)methane	10.23	93	394251	42.835	ng		95
29) 2,4-Dichlorophenol	10.48	162	473454	49.260	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	702639	48.179	ng	#	94
31) Naphthalene	10.86	128	1074931	42.832	ng		98
32) Benzoic acid	10.22	122	190286m	35.414	ng		
33) 4-Chloroaniline	11.00	127	231441	21.913	ng	#	91
34) Hexachlorobutadiene	11.11	225	672812	48.335	ng		97
35) Caprolactam	11.82	113	90872m	39.402	ng		
36) 4-Chloro-3-methylphenol	12.12	107	372976	40.366	ng		94
37) 2-Methylnaphthalene	12.47	142	944638	48.081	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	1052319	46.228	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1324732	111.196	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	640839	47.078	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	643498m	48.395	ng		
45) 1,1'-Biphenyl	13.48	154	1339616	37.904	ng		99
46) 2-Chloronaphthalene	13.53	162	1127498	39.268	ng		99
47) 2-Nitroaniline	13.76	65	264826	34.627	ng		85
48) Acenaphthylene	14.37	152	1664055	41.057	ng		99
49) Dimethylphthalate	14.12	163	1562600	40.353	ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	306230	40.545	ng	#	85
51) Acenaphthene	14.72	154	970047	38.958	ng		95
52) 3-Nitroaniline	14.60	138	149327	21.729	ng	#	78
53) 2,4-Dinitrophenol	14.82	184	268304	70.985	ng	#	68
54) Dibenzofuran	15.05	168	2004331	42.049	ng		94
55) 4-Nitrophenol	14.91	139	286361	65.330	ng	#	79
56) 2,4-Dinitrotoluene	15.05	165	487094	38.675	ng	#	96
57) Fluorene	15.70	166	1582547	43.949	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	607728	47.553	ng	#	100
59) Diethylphthalate	15.47	149	1493007	36.978	ng		94
60) 4-Chlorophenyl-phenylether	15.69	204	1289272	42.695	ng	#	86
61) 4-Nitroaniline	15.76	138	198666	29.579	ng	#	1
62) Azobenzene	15.98	77	1666830	38.759	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	304661	33.208	ng	#	58
65) n-Nitrosodiphenylamine	15.91	169	1350803	39.768	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	810640	43.695	ng		98
67) Hexachlorobenzene	16.69	284	914210	42.255	ng		91
68) Atrazine	16.86	200	764587	49.323	ng		90
69) Pentachlorophenol	17.04	266	777165	67.890	ng		98
70) Phenanthrene	17.43	178	2662977	42.672	ng		99
71) Anthracene	17.53	178	2736913	44.166	ng		99
72) Carbazole	17.80	167	1906282	34.230	ng		100
73) Di-n-butylphthalate	18.33	149	2413804	35.552	ng	#	97
74) Fluoranthene	19.43	202	3775182	41.258	ng		94
76) Benzidine	19.63	184	1614596	54.999	ng		98
77) Pyrene	19.79	202	3795144	45.746	ng		99
79) Butylbenzylphthalate	20.66	149	1082417	37.799	ng	#	80
80) Benzo(a)anthracene	21.52	228	3908795	43.554	ng		100
81) 3,3'-Dichlorobenzidine	21.45	252	945680	23.672	ng	#	96
82) Chrysene	21.57	228	3538284	41.321	ng		100
83) Bis(2-ethylhexyl)phthalate	21.41	149	1541373	36.208	ng	#	95
84) Di-n-octyl phthalate	22.29	149	2494610	35.262	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.13	276	4281307	34.766	ng	#	92
87) Benzo(b)fluoranthene	23.13	252	3920836	46.699	ng	#	90
88) Benzo(k)fluoranthene	23.17	252	3788375	44.346	ng	#	93
89) Benzo(a)pyrene	23.72	252	3640413	44.562	ng	#	94
90) Dibenzo(a,h)anthracene	26.13	278	3635039	39.703	ng	#	87
91) Benzo(g,h,i)perylene	26.84	276	3269233	39.779	ng	#	81

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

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