Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
Data File : BM015873.D
Acq On : 10 Jul 2018 18:17
Operator : SJ/JU
Sample : J3827-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MSD

Manual Integrations APPROVED
Sohil
7/11/2018 12:17:25 PM

Quant Time: Jul 11 04:12:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	83818	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	350200	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	220066	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	511502	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	520849	20.00	ng		-0.01
86) Perylene-d12	24.15	264	417600	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	750722	153.60	ng		-0.01
7) Phenol-d6	7.45	99	967234	144.56	ng		-0.01
23) Nitrobenzene-d5	9.49	82	741047	103.25	ng		-0.02
41) 2,4,6-Tribromophenol	16.40	330	497292	172.94	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1605104	90.55	ng		-0.02
78) Terphenyl-d14	20.21	244	3133518	111.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	78227	38.701	ng	#	100
3) Pyridine	4.02	79	163740	30.698	ng	#	80
4) n-Nitrosodimethylamine	3.92	42	183629	44.213	ng	#	43
6) Aniline	7.62	93	111744	13.775	ng	#	88
8) 2-Chlorophenol	7.86	128	288380	49.163	ng		94
9) Benzaldehyde	7.43	77	157407	37.325	ng		90
10) Phenol	7.48	94	314566	46.789	ng		92
11) bis(2-Chloroethyl)ether	7.72	93	237965	43.511	ng		89
12) 1,3-Dichlorobenzene	8.18	146	281971	43.356	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	290484	43.193	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	286733	44.084	ng		95
15) Benzyl Alcohol	8.55	79	271556	46.749	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	385487	64.539	ng		98
17) 2-Methylphenol	8.75	107	235148	50.484	ng	#	85
18) Hexachloroethane	9.38	117	121022	45.509	ng		97
19) n-Nitroso-di-n-propylamine	9.12	70	233293	43.384	ng	#	78
20) 3+4-Methylphenols	9.08	107	316537	48.925	ng		90
22) Acetophenone	9.14	105	435594	47.748	ng	#	87
24) Nitrobenzene	9.53	77	360708	51.627	ng		98
25) Isophorone	10.05	82	622077	56.784	ng	#	94
26) 2-Nitrophenol	10.24	139	155180	51.580	ng	#	61
27) 2,4-Dimethylphenol	10.29	122	272280	59.574	ng	#	84
28) bis(2-Chloroethoxy)methane	10.52	93	357388	50.073	ng		99
29) 2,4-Dichlorophenol	10.77	162	277535	54.828	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	279028	47.459	ng		96
31) Naphthalene	11.17	128	882718	48.617	ng		99
32) Benzoic acid	10.47	122	175199	43.296	ng		90
33) 4-Chloroaniline	11.30	127	34975	4.725	ng	#	86
34) Hexachlorobutadiene	11.43	225	178794	45.567	ng		96
35) Caprolactam	12.10	113	79331m	47.256	ng		
36) 4-Chloro-3-methylphenol	12.40	107	329037	56.651	ng		87
37) 2-Methylnaphthalene	12.76	142	679159	52.583	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	324921	46.003	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	341537	100.770	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	227880	51.040	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	245701	50.944	ng	#	85
45) 1,1'-Biphenyl	13.76	154	886363	46.585	ng		98
46) 2-Chloronaphthalene	13.81	162	686503	48.257	ng	#	91
47) 2-Nitroaniline	14.02	65	246446	49.677	ng	#	80
48) Acenaphthylene	14.64	152	1148346	49.621	ng		100
49) Dimethylphthalate	14.37	163	952658	49.085	ng		99
50) 2,6-Dinitrotoluene	14.51	165	198810	52.537	ng	#	72
51) Acenaphthene	14.99	154	661851	45.961	ng		97
52) 3-Nitroaniline	14.84	138	55875	13.490	ng	#	72
53) 2,4-Dinitrophenol	15.06	184	212339	109.319	ng	#	88
54) Dibenzofuran	15.32	168	1092355	49.228	ng	#	87
55) 4-Nitrophenol	15.14	139	307930	100.734	ng	#	75
56) 2,4-Dinitrotoluene	15.29	165	292186	53.482	ng		96
57) Fluorene	15.96	166	902813	49.338	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	221245	54.362	ng	#	100
59) Diethylphthalate	15.72	149	1027158	49.386	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	439322	46.658	ng	#	86
61) 4-Nitroaniline	16.00	138	178456	41.531	ng	#	38
62) Azobenzene	16.23	77	1064403	54.596	ng		79
64) 4,6-Dinitro-2-methylphenol	16.06	198	146162	47.004	ng		88
65) n-Nitrosodiphenylamine	16.16	169	755028	43.079	ng		97
66) 4-Bromophenyl-phenylether	16.83	248	270137	47.301	ng	#	81
67) Hexachlorobenzene	16.95	284	299885	46.991	ng	#	74
68) Atrazine	17.09	200	259322	44.982	ng		98
69) Pentachlorophenol	17.30	266	348286	88.198	ng		98
70) Phenanthrene	17.69	178	1421456	48.574	ng		98
71) Anthracene	17.78	178	1449857	50.451	ng		98
72) Carbazole	18.04	167	1289772	48.162	ng		98
73) Di-n-butylphthalate	18.56	149	1806790	50.056	ng	#	97
74) Fluoranthene	19.67	202	1655712	49.216	ng		98
76) Benzidine	19.85	184	52476	3.439	ng		98
77) Pyrene	20.03	202	1679431	51.763	ng		99
79) Butylbenzylphthalate	20.87	149	852029	54.327	ng	#	83
80) Benzo(a)anthracene	21.74	228	1640484	49.677	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	203780	17.175	ng		97
82) Chrysene	21.79	228	1505105	48.926	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1223420	52.795	ng		96
84) Di-n-octyl phthalate	22.54	149	2007995	53.142	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1305544	45.679	ng	#	93
87) Benzo(b)fluoranthene	23.42	252	1407858	50.495	ng	#	97
88) Benzo(k)fluoranthene	23.47	252	1386060	51.177	ng		98
89) Benzo(a)pyrene	24.05	252	1273289	51.881	ng		99
90) Dibenzo(a,h)anthracene	26.63	278	1131623	51.247	ng		97
91) Benzo(g,h,i)perylene	27.39	276	1003050	51.698	ng	#	94

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

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