Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015932.D
Acq On : 13 Jul 2018 01:38
Operator : SJ/JU
Sample : J3825-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-AMS

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:12 PM

Quant Time: Jul 13 03:23:22 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	8.29	152	86810	20.00	ng		-0.03
21) Naphthalene-d8	11.11	136	344815	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	180134	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	356168	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	328786	20.00	ng		-0.02
86) Perylene-d12	24.13	264	326695	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	752768	148.71	ng		-0.02
7) Phenol-d6	7.45	99	884902	127.70	ng		-0.02
23) Nitrobenzene-d5	9.47	82	732158	103.60	ng		-0.03
41) 2,4,6-Tribromophenol	16.39	330	349500	148.49	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1470843	101.37	ng		-0.03
78) Terphenyl-d14	20.20	244	1875417	105.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	82773	39.539	ng	#	100
3) Pyridine	4.01	79	178415	32.296	ng	#	74
4) n-Nitrosodimethylamine	3.92	42	195422	45.431	ng	#	43
6) Aniline	7.62	93	131828	15.691	ng	#	88
8) 2-Chlorophenol	7.85	128	295666	48.668	ng		98
9) Benzaldehyde	7.42	77	130542	29.888	ng		88
10) Phenol	7.48	94	296773	42.621	ng		94
11) bis(2-Chloroethyl)ether	7.70	93	258097	45.566	ng		89
12) 1,3-Dichlorobenzene	8.17	146	316686	47.016	ng	#	92
13) 1,4-Dichlorobenzene	8.32	146	322082	46.240	ng		95
14) 1,2-Dichlorobenzene	8.65	146	314533	46.692	ng		95
15) Benzyl Alcohol	8.54	79	262550	43.640	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.82	45	400493	64.741	ng		100
17) 2-Methylphenol	8.74	107	225280	46.699	ng	#	88
18) Hexachloroethane	9.37	117	134463	48.821	ng		95
19) n-Nitroso-di-n-propylamine	9.10	70	230944	41.467	ng	#	78
20) 3+4-Methylphenols	9.07	107	297549	44.405	ng		89
22) Acetophenone	9.13	105	435298	48.461	ng	#	88
24) Nitrobenzene	9.52	77	365481	53.128	ng		98
25) Isophorone	10.04	82	585714	54.299	ng	#	95
26) 2-Nitrophenol	10.23	139	154300	52.088	ng	#	57
27) 2,4-Dimethylphenol	10.27	122	255563	56.790	ng	#	85
28) bis(2-Chloroethoxy)methane	10.51	93	346105	49.250	ng		97
29) 2,4-Dichlorophenol	10.76	162	266789	53.528	ng		98
30) 1,2,4-Trichlorobenzene	10.97	180	290571	50.194	ng		98
31) Naphthalene	11.16	128	901718	50.439	ng		99
32) Benzoic acid	10.45	122	142762	35.831	ng	#	82
33) 4-Chloroaniline	11.29	127	62303	8.548	ng	#	87
34) Hexachlorobutadiene	11.42	225	190002	49.180	ng		97
35) Caprolactam	12.09	113	55199m	33.395	ng		
36) 4-Chloro-3-methylphenol	12.39	107	278980	48.783	ng		85
37) 2-Methylnaphthalene	12.75	142	649757	51.093	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	313767	54.271	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	305225	109.151	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	197792	54.122	ng		99
43) 2,4,5-Trichlorophenol	13.43	196	205405	52.030	ng	#	83
45) 1,1'-Biphenyl	13.75	154	799510	51.335	ng		98
46) 2-Chloronaphthalene	13.80	162	617924	53.066	ng	#	91
47) 2-Nitroaniline	14.01	65	201777	49.689	ng	#	81
48) Acenaphthylene	14.64	152	978481	51.654	ng		99
49) Dimethylphthalate	14.36	163	766003	48.217	ng		99
50) 2,6-Dinitrotoluene	14.50	165	157838	50.956	ng	#	73
51) Acenaphthene	14.97	154	569692	48.331	ng		97
52) 3-Nitroaniline	14.83	138	78838	23.253	ng	#	74
53) 2,4-Dinitrophenol	15.05	184	119127	77.128	ng	#	82
54) Dibenzofuran	15.30	168	901967	49.659	ng	#	86
55) 4-Nitrophenol	15.13	139	210655	84.188	ng	#	73
56) 2,4-Dinitrotoluene	15.28	165	218103	48.771	ng		99
57) Fluorene	15.95	166	716499	47.836	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	170356	51.137	ng	#	100
59) Diethylphthalate	15.70	149	789485	46.374	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	355168	46.082	ng	#	84
61) 4-Nitroaniline	15.99	138	125318	35.630	ng	#	31
62) Azobenzene	16.22	77	834422	52.288	ng		79
64) 4,6-Dinitro-2-methylphenol	16.05	198	90159	41.639	ng		87
65) n-Nitrosodiphenylamine	16.15	169	599945	49.159	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	206171	51.845	ng	#	78
67) Hexachlorobenzene	16.94	284	227601	51.219	ng	#	75
68) Atrazine	17.08	200	204757	51.007	ng		98
69) Pentachlorophenol	17.29	266	238225	86.637	ng		99
70) Phenanthrene	17.67	178	1023929	50.250	ng		99
71) Anthracene	17.77	178	1049553	52.449	ng		98
72) Carbazole	18.04	167	909008	48.747	ng		98
73) Di-n-butylphthalate	18.56	149	1235793	49.169	ng	#	97
74) Fluoranthene	19.66	202	1100255	46.969	ng		99
76) Benzidine	19.84	184	113966	11.831	ng		99
77) Pyrene	20.02	202	1105326	53.969	ng		99
79) Butylbenzylphthalate	20.86	149	540121	54.557	ng	#	82
80) Benzo(a)anthracene	21.73	228	1072626	51.455	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	246121	32.861	ng		99
82) Chrysene	21.78	228	996427	51.312	ng		100
83) Bis(2-ethylhexyl)phthalate	21.61	149	768306	52.523	ng		94
84) Di-n-octyl phthalate	22.53	149	1276140	53.502	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.60	276	1258999	69.782	ng	#	94
87) Benzo(b)fluoranthene	23.41	252	1084220	49.708	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	998649	47.133	ng		98
89) Benzo(a)pyrene	24.03	252	1018645	53.054	ng		99
90) Dibenzo(a,h)anthracene	26.60	278	1075944	62.284	ng		97
91) Benzo(g,h,i)perylene	27.36	276	1001875	66.006	ng	#	94

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

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