Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
Data File : BM015872.D
Acq On : 10 Jul 2018 17:40
Operator : SJ/JU
Sample : J3827-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-070918MS

Manual Integrations APPROVED
Sohil
7/11/2018 12:17:23 PM

Quant Time: Jul 11 04:08:56 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	85960	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	371620	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	230492	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	527497	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	539747	20.00	ng		-0.01
86) Perylene-d12	24.15	264	436875	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	647769	129.24	ng		-0.01
7) Phenol-d6	7.45	99	825938	120.36	ng		-0.01
23) Nitrobenzene-d5	9.49	82	671029	88.10	ng		-0.02
41) 2,4,6-Tribromophenol	16.40	330	442548	146.94	ng		-0.01
44) 2-Fluorobiphenyl	13.54	172	1488251	80.16	ng		-0.02
78) Terphenyl-d14	20.21	244	2820958	96.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	65979	31.828	ng	#	100
3) Pyridine	4.01	79	148670	27.178	ng	#	75
4) n-Nitrosodimethylamine	3.92	42	161359	37.883	ng	#	39
6) Aniline	7.62	93	123464	14.841	ng		90
8) 2-Chlorophenol	7.86	128	248719	41.345	ng		94
9) Benzaldehyde	7.43	77	175313	40.535	ng		93
10) Phenol	7.48	94	261396	37.911	ng		95
11) bis(2-Chloroethyl)ether	7.72	93	204858	36.524	ng		89
12) 1,3-Dichlorobenzene	8.18	146	247451	37.100	ng	#	89
13) 1,4-Dichlorobenzene	8.33	146	254162	36.850	ng		96
14) 1,2-Dichlorobenzene	8.65	146	253368	37.984	ng		95
15) Benzyl Alcohol	8.55	79	237165	39.811	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	327806	53.514	ng		99
17) 2-Methylphenol	8.75	107	203451	42.591	ng	#	85
18) Hexachloroethane	9.38	117	105987	38.862	ng		98
19) n-Nitroso-di-n-propylamine	9.12	70	203594	36.918	ng	#	77
20) 3+4-Methylphenols	9.08	107	274035	41.300	ng		89
22) Acetophenone	9.14	105	384721	39.741	ng	#	86
24) Nitrobenzene	9.53	77	322259	43.466	ng		98
25) Isophorone	10.05	82	544143	46.807	ng	#	95
26) 2-Nitrophenol	10.24	139	134996	42.285	ng	#	59
27) 2,4-Dimethylphenol	10.29	122	237103	48.887	ng	#	86
28) bis(2-Chloroethoxy)methane	10.52	93	312768	41.296	ng		99
29) 2,4-Dichlorophenol	10.77	162	251274	46.779	ng		99
30) 1,2,4-Trichlorobenzene	10.99	180	254494	40.791	ng		96
31) Naphthalene	11.17	128	807349	41.903	ng		99
32) Benzoic acid	10.46	122	133855	31.173	ng	#	86
33) 4-Chloroaniline	11.30	127	43027	5.477	ng	#	89
34) Hexachlorobutadiene	11.43	225	164030	39.395	ng		97
35) Caprolactam	12.10	113	63924m	35.884	ng		
36) 4-Chloro-3-methylphenol	12.40	107	286777	46.529	ng		88
37) 2-Methylnaphthalene	12.76	142	615537	44.911	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	297277	40.185	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	299827	85.995	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	203276	43.470	ng		97
43) 2,4,5-Trichlorophenol	13.44	196	216871	42.932	ng	#	85
45) 1,1'-Biphenyl	13.76	154	804540	40.372	ng		99
46) 2-Chloronaphthalene	13.81	162	618004	41.477	ng	#	91
47) 2-Nitroaniline	14.02	65	219878	42.317	ng	#	81
48) Acenaphthylene	14.64	152	1031370	42.551	ng		99
49) Dimethylphthalate	14.37	163	851105	41.869	ng		98
50) 2,6-Dinitrotoluene	14.50	165	177729	44.842	ng	#	62
51) Acenaphthene	14.99	154	599770	39.766	ng		97
52) 3-Nitroaniline	14.84	138	62757	14.466	ng	#	75
53) 2,4-Dinitrophenol	15.05	184	166590	83.642	ng	#	80
54) Dibenzofuran	15.32	168	986157	42.432	ng	#	87
55) 4-Nitrophenol	15.14	139	257083	80.296	ng	#	74
56) 2,4-Dinitrotoluene	15.29	165	256795	44.877	ng		99
57) Fluorene	15.96	166	817647	42.663	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	195579	45.882	ng	#	100
59) Diethylphthalate	15.72	149	923146	42.378	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	404537	41.020	ng	#	87
61) 4-Nitroaniline	16.00	138	158391	35.194	ng	#	30
62) Azobenzene	16.23	77	955897	46.813	ng		79
64) 4,6-Dinitro-2-methylphenol	16.06	198	120904	37.703	ng		86
65) n-Nitrosodiphenylamine	16.16	169	703277	38.909	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	243091	41.274	ng	#	79
67) Hexachlorobenzene	16.95	284	270825	41.151	ng	#	77
68) Atrazine	17.09	200	264654	44.515	ng		98
69) Pentachlorophenol	17.30	266	296346	72.769	ng		98
70) Phenanthrene	17.69	178	1266052	41.952	ng		98
71) Anthracene	17.78	178	1296821	43.757	ng		98
72) Carbazole	18.04	167	1161570	42.060	ng		98
73) Di-n-butylphthalate	18.56	149	1601267	43.017	ng	#	97
74) Fluoranthene	19.67	202	1470498	42.385	ng		99
76) Benzidine	19.84	184	360652	22.806	ng		99
77) Pyrene	20.03	202	1487457	44.241	ng		99
79) Butylbenzylphthalate	20.87	149	750794	46.196	ng	#	84
80) Benzo(a)anthracene	21.74	228	1471112	42.988	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	190521	15.495	ng		97
82) Chrysene	21.79	228	1341384	42.078	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	1078082	44.894	ng		96
84) Di-n-octyl phthalate	22.54	149	1785976	45.611	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1159474	39.147	ng	#	93
87) Benzo(b)fluoranthene	23.42	252	1242676	42.604	ng	#	96
88) Benzo(k)fluoranthene	23.47	252	1221225	43.101	ng		98
89) Benzo(a)pyrene	24.05	252	1125006	43.816	ng		100
90) Dibenzo(a,h)anthracene	26.63	278	997619	43.185	ng		97
91) Benzo(g,h,i)perylene	27.39	276	903821	44.529	ng		95

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

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