Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
Data File : BM015814.D
Acq On : 06 Jul 2018 22:35
Operator : SJ/JU
Sample : J3845-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GF-02MSD

Manual Integrations APPROVED
Sohil
7/9/2018 1:55:51 PM

Quant Time: Jul 07 02:40:57 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	133154	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	534586	20.00	ng		-0.01
38) Acenaphthene-d10	14.93	164	294812	20.00	ng		0.00
63) Phenanthrene-d10	17.65	188	586627	20.00	ng		0.00
75) Chrysene-d12	21.76	240	430880	20.00	ng		0.00
86) Perylene-d12	24.16	264	358811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	1268609	163.39	ng		0.00
7) Phenol-d6	7.47	99	1679039	157.96	ng		0.00
23) Nitrobenzene-d5	9.50	82	1128821	103.03	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	632151	164.11	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2310574	97.30	ng		0.00
78) Terphenyl-d14	20.22	244	2749756	118.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	116378	36.243	ng	#	100
3) Pyridine	4.00	79	268907	31.735	ng	#	80
4) n-Nitrosodimethylamine	3.92	42	287559	43.583	ng	#	43
6) Aniline	7.63	93	410657	31.867	ng		90
8) 2-Chlorophenol	7.87	128	462647	49.649	ng		97
9) Benzaldehyde	7.44	77	215546	32.174	ng		90
10) Phenol	7.49	94	583805	54.661	ng		92
11) bis(2-Chloroethyl)ether	7.72	93	385851	44.411	ng		88
12) 1,3-Dichlorobenzene	8.19	146	463490	44.861	ng	#	92
13) 1,4-Dichlorobenzene	8.34	146	473456	44.315	ng		94
14) 1,2-Dichlorobenzene	8.66	146	464660	44.970	ng		94
15) Benzyl Alcohol	8.56	79	423295	45.871	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	606559	63.925	ng		97
17) 2-Methylphenol	8.76	107	366056	49.471	ng	#	87
18) Hexachloroethane	9.39	117	192699	45.614	ng		95
19) n-Nitroso-di-n-propylamine	9.13	70	360783	42.234	ng	#	79
20) 3+4-Methylphenols	9.09	107	496787	48.334	ng		90
22) Acetophenone	9.15	105	668432	47.998	ng	#	88
24) Nitrobenzene	9.54	77	547012	51.289	ng		98
25) Isophorone	10.06	82	919743	54.998	ng	#	95
26) 2-Nitrophenol	10.25	139	243098	52.933	ng	#	64
27) 2,4-Dimethylphenol	10.30	122	403673	57.859	ng		86
28) bis(2-Chloroethoxy)methane	10.53	93	535231	49.125	ng		97
29) 2,4-Dichlorophenol	10.78	162	426311	55.171	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	441816	49.228	ng		97
31) Naphthalene	11.19	128	1360764	49.096	ng		100
32) Benzoic acid	10.45	122	126186	20.428	ng		86
33) 4-Chloroaniline	11.30	127	272959	24.155	ng	#	89
34) Hexachlorobutadiene	11.45	225	281535	47.003	ng		96
35) Caprolactam	12.11	113	116120m	45.313	ng		
36) 4-Chloro-3-methylphenol	12.41	107	458687	51.734	ng		89
37) 2-Methylnaphthalene	12.77	142	1004068	50.926	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	490327	51.820	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	533926	116.013	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	326929	54.660	ng		98
43) 2,4,5-Trichlorophenol	13.45	196	343162	53.112	ng	#	85
45) 1,1'-Biphenyl	13.77	154	1252913	49.154	ng		99
46) 2-Chloronaphthalene	13.82	162	963437	50.554	ng	#	92
47) 2-Nitroaniline	14.03	65	327304	49.249	ng		82
48) Acenaphthylene	14.66	152	1544179	49.808	ng		99
49) Dimethylphthalate	14.39	163	1653668	63.602	ng		99
50) 2,6-Dinitrotoluene	14.52	165	257934	50.880	ng	#	73
51) Acenaphthene	14.99	154	888342	46.048	ng		98
52) 3-Nitroaniline	14.85	138	168899	30.439	ng	#	78
53) 2,4-Dinitrophenol	15.06	184	232516	90.634	ng	#	88
54) Dibenzofuran	15.32	168	1423002	47.870	ng	#	88
55) 4-Nitrophenol	15.15	139	401210	97.972	ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	355125	48.521	ng		93
57) Fluorene	15.97	166	1148612	46.856	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	290246	53.235	ng	#	100
59) Diethylphthalate	15.72	149	1264969	45.400	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	575315	45.610	ng		91
61) 4-Nitroaniline	16.01	138	228041	39.616	ng	#	40
62) Azobenzene	16.24	77	1298298	49.710	ng		83
64) 4,6-Dinitro-2-methylphenol	16.06	198	174308	48.877	ng		89
65) n-Nitrosodiphenylamine	16.17	169	974562	48.483	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	337798	51.574	ng	#	84
67) Hexachlorobenzene	16.96	284	367654	50.233	ng	#	81
68) Atrazine	17.10	200	343045	51.884	ng		99
69) Pentachlorophenol	17.30	266	398700	88.035	ng		99
70) Phenanthrene	17.70	178	1617264	48.188	ng		100
71) Anthracene	17.79	178	1649173	50.037	ng		99
72) Carbazole	18.06	167	1429719	46.551	ng		98
73) Di-n-butylphthalate	18.57	149	1930511	46.634	ng	#	98
74) Fluoranthene	19.67	202	1613390	41.817	ng		99
76) Benzidine	19.85	184	357291	28.302	ng		99
77) Pyrene	20.03	202	1583565	58.999	ng		99
79) Butylbenzylphthalate	20.88	149	712917	54.949	ng	#	84
80) Benzo(a)anthracene	21.74	228	1297840	47.507	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	315284	32.121	ng		99
82) Chrysene	21.80	228	1198923	47.111	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	958598	50.004	ng		96
84) Di-n-octyl phthalate	22.54	149	1384071	44.278	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1213957	51.343	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1123146	46.884	ng	#	96
88) Benzo(k)fluoranthene	23.48	252	1035526	44.499	ng		98
89) Benzo(a)pyrene	24.06	252	1024205	48.569	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	1037942	54.706	ng		98
91) Benzo(g,h,i)perylene	27.40	276	976370	58.568	ng		95

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

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