Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020220.D
Acq On : 09 May 2019 16:51
Operator : JU/SJ
Sample : K2729-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3MSD

Quant Time: May 10 05:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	111369	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	386447	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	233503	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	560184	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	605627	20.00	ng		-0.01
87) Perylene-d12	23.64	264	706833	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1126132	165.29	ng		0.00
7) Phenol-d6	6.95	99	1533903	164.80	ng		0.00
23) Nitrobenzene-d5	8.95	82	1071967	109.51	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	694794	191.70	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1959870	103.27	ng		-0.02
79) Terphenyl-d14	19.80	244	3472511	100.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	150555	45.055	ng		93
3) Pyridine	3.69	79	402814	47.134	ng		95
4) n-Nitrosodimethylamine	3.61	42	137522	50.182	ng	#	67
6) Aniline	7.12	93	294190	25.108	ng		97
8) 2-Chlorophenol	7.34	128	392386	52.892	ng		97
9) Benzaldehyde	6.93	77	241023	34.213	ng		91
10) Phenol	6.98	94	552758	55.164	ng		93
11) bis(2-Chloroethyl)ether	7.21	93	387912	53.263	ng		97
12) 1,3-Dichlorobenzene	7.66	146	438577	50.811	ng		96
13) 1,4-Dichlorobenzene	7.81	146	444020	50.923	ng		95
14) 1,2-Dichlorobenzene	8.13	146	424900	51.148	ng		97
15) Benzyl Alcohol	8.02	79	434350	48.394	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	295911	49.000	ng		96
17) 2-Methylphenol	8.22	107	340538	52.794	ng		96
18) Hexachloroethane	8.85	117	176841	48.640	ng		96
19) n-Nitroso-di-n-propylamine	8.58	70	389178	48.871	ng		95
20) 3+4-Methylphenols	8.55	107	461518	53.835	ng		96
22) Acetophenone	8.60	105	615359	58.264	ng	#	96
24) Nitrobenzene	8.99	77	554695	54.655	ng		96
25) Isophorone	9.50	82	970153	57.474	ng		98
26) 2-Nitrophenol	9.69	139	214844	70.120	ng		90
27) 2,4-Dimethylphenol	9.75	122	342977	67.237	ng		97
28) bis(2-Chloroethoxy)methane	9.99	93	532502	57.922	ng		97
29) 2,4-Dichlorophenol	10.22	162	391100	60.803	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	453771	57.333	ng		98
31) Naphthalene	10.62	128	1201488	59.912	ng		100
32) Benzoic acid	9.83	122	35289	14.995	ng	#	90
33) 4-Chloroaniline	10.74	127	163153	19.766	ng		96
34) Hexachlorobutadiene	10.89	225	299954	53.574	ng		98
35) Caprolactam	11.55	113	126810m	65.933	ng		
36) 4-Chloro-3-methylphenol	11.86	107	439850	58.190	ng		94
37) 2-Methylnaphthalene	12.23	142	870140	59.516	ng		98
38) 1-Methylnaphthalene	12.46	142	816335	57.100	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	534101	58.464	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	654332	121.645 ng		97
43) 2,4,6-Trichlorophenol	12.85	196	352356	67.866 ng		99
44) 2,4,5-Trichlorophenol	12.92	196	371542	64.057 ng		98
46) 1,1'-Biphenyl	13.25	154	1120890	58.320 ng		98
47) 2-Chloronaphthalene	13.30	162	896296	58.409 ng		98
48) 2-Nitroaniline	13.52	65	313455	57.376 ng		89
49) Acenaphthylene	14.15	152	1404236	57.179 ng		98
50) Dimethylphthalate	13.89	163	1352312	68.141 ng		99
51) 2,6-Dinitrotoluene	14.01	165	251543	60.178 ng		90
52) Acenaphthene	14.49	154	846693	60.121 ng		99
53) 3-Nitroaniline	14.35	138	130485	33.634 ng		98
54) 2,4-Dinitrophenol	14.55	184	238977	110.524 ng		91
55) Dibenzofuran	14.82	168	1413085	59.486 ng		97
56) 4-Nitrophenol	14.65	139	408168	123.312 ng		85
57) 2,4-Dinitrotoluene	14.80	165	350478	61.706 ng		93
58) Fluorene	15.47	166	1159687	59.442 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	360711	65.442 ng		96
60) Diethylphthalate	15.25	149	1136643	56.848 ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	628527	56.859 ng		92
62) 4-Nitroaniline	15.51	138	238947m	55.811 ng		
63) Azobenzene	15.76	77	1231296	52.200 ng		95
65) 4,6-Dinitro-2-methylphenol	15.56	198	200791	67.602 ng		90
66) n-Nitrosodiphenylamine	15.69	169	981961	59.572 ng		98
67) 4-Bromophenyl-phenylether	16.36	248	397015	57.795 ng		95
68) Hexachlorobenzene	16.47	284	456943	57.806 ng		96
69) Atrazine	16.64	200	383181	59.484 ng		100
70) Pentachlorophenol	16.82	266	589093	130.249 ng		98
71) Phenanthrene	17.22	178	2365477	76.497 ng		99
72) Anthracene	17.30	178	1972822	63.810 ng		99
73) Carbazole	17.58	167	1673145	59.976 ng		99
74) Di-n-butylphthalate	18.13	149	1949201	58.059 ng		98
75) Fluoranthene	19.23	202	2860564	73.114 ng		100
77) Benzidine	19.43	184	970176	50.106 ng		98
78) Pyrene	19.60	202	2855690	70.231 ng		99
80) Butylbenzylphthalate	20.49	149	928785	62.813 ng		99
81) Benzo(a)anthracene	21.34	228	2555681	60.173 ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	639705	39.463 ng		97
83) Chrysene	21.40	228	2490396	60.460 ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1383075	60.279 ng		100
85) Di-n-octyl phthalate	22.15	149	2406548	63.105 ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	3224126	65.804 ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2806313	60.124 ng		99
89) Benzo(k)fluoranthene	23.00	252	2525592	59.319 ng		99
90) Benzo(a)pyrene	23.55	252	2693330	63.527 ng		99
91) Dibenzo(a,h)anthracene	26.00	278	2648080	60.060 ng		99
92) Benzo(g,h,i)perylene	26.70	276	2677591	63.966 ng		99

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

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