Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113959.D
Acq On : 24 Apr 2019 14:17
Operator : JU/SJ
Sample : K2542-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MS

Quant Time: Apr 25 01:22:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135439	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	512508	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	264061	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	513094	20.00	ng		0.00
76) Chrysene-d12	14.06	240	324988	20.00	ng		0.00
87) Perylene-d12	15.56	264	388754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	723152	91.32	ng		0.00
7) Phenol-d6	6.53	99	935134	94.12	ng		0.00
23) Nitrobenzene-d5	7.45	82	562411	67.76	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	290150	90.20	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1042041	61.72	ng		0.00
79) Terphenyl-d14	13.00	244	1114559	70.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	106239	28.461	ng		97
3) Pyridine	3.49	79	277447	27.230	ng		99
4) n-Nitrosodimethylamine	3.43	42	102632	29.426	ng		98
6) Aniline	6.56	93	312749	22.924	ng		99
8) 2-Chlorophenol	6.68	128	280510	31.027	ng		98
9) Benzaldehyde	6.44	77	68856	7.647	ng		96
10) Phenol	6.54	94	357391	30.083	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	277041	30.989	ng		98
12) 1,3-Dichlorobenzene	6.84	146	323138	31.558	ng		99
13) 1,4-Dichlorobenzene	6.92	146	323373	31.399	ng		100
14) 1,2-Dichlorobenzene	7.07	146	306666	32.400	ng		99
15) Benzyl Alcohol	7.03	79	205769	30.752	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	313192	30.011	ng		91
17) 2-Methylphenol	7.15	107	257270	32.463	ng		97
18) Hexachloroethane	7.41	117	110465	30.598	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	197663	30.722	ng		99
20) 3+4-Methylphenols	7.30	107	295729	33.029	ng	#	68
22) Acetophenone	7.30	105	393642	34.515	ng	#	93
24) Nitrobenzene	7.47	77	301142	32.834	ng		95
25) Isophorone	7.71	82	545486	32.117	ng		99
26) 2-Nitrophenol	7.79	139	148265	35.435	ng		98
27) 2,4-Dimethylphenol	7.83	122	240067	35.215	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	344540	31.835	ng		100
29) 2,4-Dichlorophenol	8.03	162	258455	33.154	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	286076	32.912	ng		98
31) Naphthalene	8.20	128	817298	33.569	ng		99
32) Benzoic acid	7.90	122	49896	10.838	ng		94
33) 4-Chloroaniline	8.24	127	211436	20.524	ng		98
34) Hexachlorobutadiene	8.32	225	168134	31.029	ng		98
35) Caprolactam	8.60	113	71112	28.676	ng		89
36) 4-Chloro-3-methylphenol	8.72	107	251378	32.548	ng		99
37) 2-Methylnaphthalene	8.89	142	553039	33.685	ng		99
38) 1-Methylnaphthalene	8.99	142	517268	32.643	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	281433	32.810	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	277858	58.090	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	188169	34.547	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	207213	33.918	ng		97
46) 1,1'-Biphenyl	9.35	154	686872	34.050	ng		99
47) 2-Chloronaphthalene	9.38	162	546910	33.339	ng		99
48) 2-Nitroaniline	9.47	65	153525	35.700	ng		91
49) Acenaphthylene	9.79	152	848247	33.029	ng		98
50) Dimethylphthalate	9.65	163	831358	43.533	ng		99
51) 2,6-Dinitrotoluene	9.71	165	144833	35.350	ng		97
52) Acenaphthene	9.97	154	517540	34.100	ng		97
53) 3-Nitroaniline	9.87	138	115902	26.921	ng		94
54) 2,4-Dinitrophenol	9.98	184	68763	43.077	ng	#	9
55) Dibenzofuran	10.14	168	761917	33.514	ng		99
56) 4-Nitrophenol	10.04	139	216750	63.585	ng		96
57) 2,4-Dinitrotoluene	10.11	165	190896	36.914	ng		97
58) Fluorene	10.48	166	573129	33.484	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	172565	32.142	ng		99
60) Diethylphthalate	10.35	149	609329	33.599	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	302544	33.376	ng		98
62) 4-Nitroaniline	10.49	138	139068	33.100	ng		97
63) Azobenzene	10.63	77	563289	32.048	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	58580	28.425	ng		95
66) n-Nitrosodiphenylamine	10.59	169	524330	34.057	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	196363	31.680	ng		97
68) Hexachlorobenzene	11.03	284	216495	31.784	ng		96
69) Atrazine	11.11	200	173139	34.571	ng		99
70) Pentachlorophenol	11.22	266	198679	51.518	ng		98
71) Phenanthrene	11.44	178	852216	33.050	ng		99
72) Anthracene	11.49	178	882600	33.895	ng		99
73) Carbazole	11.64	167	779199	33.541	ng		99
74) Di-n-butylphthalate	11.97	149	917039	33.558	ng		99
75) Fluoranthene	12.63	202	843494	29.982	ng		98
77) Benzidine	12.74	184	215004	22.204	ng		99
78) Pyrene	12.86	202	826558	36.369	ng		98
80) Butylbenzylphthalate	13.47	149	332978	37.238	ng		99
81) Benzo(a)anthracene	14.05	228	647365	33.809	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	209085	29.792	ng	#	98
83) Chrysene	14.09	228	651748	34.950	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	441022	38.765	ng		99
85) Di-n-octyl phthalate	14.67	149	680494	38.214	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	886448	50.184	ng		98
88) Benzo(b)fluoranthene	15.13	252	746515	30.351	ng		99
89) Benzo(k)fluoranthene	15.16	252	630848	29.817	ng		100
90) Benzo(a)pyrene	15.50	252	696066	32.718	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	743070	37.208	ng		100
92) Benzo(g,h,i)perylene	17.51	276	746729	37.051	ng		99

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

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