Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113965.D
Acq On : 24 Apr 2019 16:55
Operator : JU/SJ
Sample : K2487-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-7MS

Quant Time: Apr 25 01:24:36 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	142337	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	512842	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	253691	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	473344	20.00	ng		0.00
76) Chrysene-d12	14.06	240	320344	20.00	ng		-0.01
87) Perylene-d12	15.53	264	399336	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	578185	69.48	ng		0.00
7) Phenol-d6	6.52	99	502493	48.13	ng		0.00
23) Nitrobenzene-d5	7.46	82	826584	99.52	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	402070	130.10	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1578267	97.30	ng		0.00
79) Terphenyl-d14	13.00	244	1574314	100.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	86988	22.174	ng		99
3) Pyridine	3.48	79	198620	18.549	ng		96
4) n-Nitrosodimethylamine	3.42	42	79407	21.664	ng		94
6) Aniline	6.56	93	339897	23.707	ng		100
8) 2-Chlorophenol	6.69	128	330945	34.831	ng		95
9) Benzaldehyde	6.44	77	107283	13.638	ng		98
10) Phenol	6.53	94	200992	16.099	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	389787	41.488	ng		99
12) 1,3-Dichlorobenzene	6.84	146	360836	33.532	ng		98
13) 1,4-Dichlorobenzene	6.92	146	371339	34.309	ng		99
14) 1,2-Dichlorobenzene	7.07	146	354513	35.640	ng		99
15) Benzyl Alcohol	7.03	79	225656	32.090	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	441940	40.296	ng		93
17) 2-Methylphenol	7.15	107	266377	31.984	ng		98
18) Hexachloroethane	7.41	117	115544	30.454	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	281087	41.572	ng		99
20) 3+4-Methylphenols	7.30	107	274648	29.188	ng	#	57
22) Acetophenone	7.30	105	554467	48.584	ng		98
24) Nitrobenzene	7.47	77	433681	47.254	ng		100
25) Isophorone	7.72	82	767814	45.178	ng		100
26) 2-Nitrophenol	7.79	139	199422	47.630	ng		97
27) 2,4-Dimethylphenol	7.83	122	301464	44.192	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	487975	45.059	ng		100
29) 2,4-Dichlorophenol	8.03	162	332530	42.628	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	337417	38.793	ng		98
31) Naphthalene	8.20	128	1042698	42.799	ng		100
32) Benzoic acid	7.91	122	52696	11.439	ng		97
33) 4-Chloroaniline	8.24	127	262893	25.502	ng		100
34) Hexachlorobutadiene	8.32	225	182873	33.727	ng		99
35) Caprolactam	8.60	113	23062	9.294	ng		86
36) 4-Chloro-3-methylphenol	8.72	107	307096	39.736	ng		99
37) 2-Methylnaphthalene	8.89	142	708876	43.148	ng		97
38) 1-Methylnaphthalene	8.99	142	671374	42.340	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	370371	44.944	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	297220	64.678	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	246250	47.059	ng		97
44) 2,4,5-Trichlorophenol	9.21	196	275732	46.978	ng		98
46) 1,1'-Biphenyl	9.36	154	914364	47.180	ng		98
47) 2-Chloronaphthalene	9.38	162	725637	46.042	ng		98
48) 2-Nitroaniline	9.47	65	206845	50.065	ng		93
49) Acenaphthylene	9.80	152	1121483	45.454	ng		99
50) Dimethylphthalate	9.65	163	906890	49.429	ng		99
51) 2,6-Dinitrotoluene	9.71	165	200489	50.935	ng		93
52) Acenaphthene	9.97	154	715099	49.042	ng		98
53) 3-Nitroaniline	9.87	138	120162	29.051	ng		96
54) 2,4-Dinitrophenol	9.99	184	135647	79.688	ng	#	3
55) Dibenzofuran	10.14	168	1039940	47.612	ng		98
56) 4-Nitrophenol	10.04	139	129211	39.454	ng		98
57) 2,4-Dinitrotoluene	10.12	165	259974	52.326	ng		95
58) Fluorene	10.48	166	775445	47.156	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	233508	45.272	ng		98
60) Diethylphthalate	10.35	149	833972	47.866	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	413667	47.500	ng		98
62) 4-Nitroaniline	10.49	138	172809	42.813	ng		96
63) Azobenzene	10.63	77	772763	45.763	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	95194	44.505	ng		94
66) n-Nitrosodiphenylamine	10.59	169	703593	49.539	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	269046	47.051	ng		96
68) Hexachlorobenzene	11.03	284	292187	46.499	ng		98
69) Atrazine	11.12	200	223123	48.293	ng		100
70) Pentachlorophenol	11.22	266	297249	83.550	ng		97
71) Phenanthrene	11.45	178	1124262	47.261	ng		99
72) Anthracene	11.49	178	1156434	48.140	ng		100
73) Carbazole	11.65	167	993286	46.347	ng		99
74) Di-n-butylphthalate	11.97	149	1194470	47.380	ng		100
75) Fluoranthene	12.63	202	1098547	42.328	ng		99
77) Benzidine	12.74	184	154845	16.223	ng		99
78) Pyrene	12.86	202	1080657	48.239	ng		98
80) Butylbenzylphthalate	13.47	149	443264	50.291	ng		99
81) Benzo(a)anthracene	14.04	228	936703	49.629	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	281853	40.743	ng	#	97
83) Chrysene	14.08	228	942122	51.254	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	586694	52.317	ng		99
85) Di-n-octyl phthalate	14.64	149	971731	55.360	ng		98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1388568	79.750	ng		98
88) Benzo(b)fluoranthene	15.10	252	1099828	43.530	ng		99
89) Benzo(k)fluoranthene	15.13	252	1048447	48.242	ng		99
90) Benzo(a)pyrene	15.47	252	1078723	49.361	ng		99
91) Dibenzo(a,h)anthracene	17.05	278	1148125	55.967	ng		100
92) Benzo(g,h,i)perylene	17.49	276	1175914	56.801	ng		98

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

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