Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113934.D
Acq On : 23 Apr 2019 21:25
Operator : JU/SJ
Sample : K2204-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-042219MSD

Quant Time: Apr 24 02:07:08 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	124417	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	428924	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	188954	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	338606	20.00	ng		0.00
76) Chrysene-d12	14.06	240	342204	20.00	ng		0.00
87) Perylene-d12	15.54	264	314214	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	800379	110.03	ng		0.02
7) Phenol-d6	6.53	99	937463	102.72	ng		0.01
23) Nitrobenzene-d5	7.46	82	666915	96.00	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	293504	127.51	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1231617	101.94	ng		0.00
79) Terphenyl-d14	13.00	244	1412872	84.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	128581	37.498	ng	#	85
3) Pyridine	3.58	79	256752	27.431	ng		96
4) n-Nitrosodimethylamine	3.50	42	125528	39.179	ng		97
6) Aniline	6.56	93	257244	20.526	ng		99
8) 2-Chlorophenol	6.69	128	338646	40.776	ng		96
9) Benzaldehyde	6.45	77	58472	6.739	ng		95
10) Phenol	6.55	94	361848	33.157	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	348814	42.474	ng		98
12) 1,3-Dichlorobenzene	6.85	146	387367	41.183	ng		98
13) 1,4-Dichlorobenzene	6.92	146	391378	41.369	ng		99
14) 1,2-Dichlorobenzene	7.07	146	364669	41.942	ng		98
15) Benzyl Alcohol	7.04	79	268962	43.757	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	393140	41.009	ng		91
17) 2-Methylphenol	7.15	107	298433	40.994	ng		98
18) Hexachloroethane	7.42	117	124263	37.469	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	243878	41.264	ng		99
20) 3+4-Methylphenols	7.30	107	329884	40.107	ng	#	82
22) Acetophenone	7.30	105	483031	50.606	ng	#	93
24) Nitrobenzene	7.47	77	375579	48.929	ng		98
25) Isophorone	7.72	82	657910	46.285	ng		99
26) 2-Nitrophenol	7.79	139	173238	49.471	ng		95
27) 2,4-Dimethylphenol	7.83	122	293963	51.524	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	423782	46.787	ng		100
29) 2,4-Dichlorophenol	8.04	162	298176	45.703	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	335577	46.130	ng		100
31) Naphthalene	8.20	128	964342	47.327	ng		99
32) Benzoic acid	7.94	122	134890	35.010	ng		98
33) 4-Chloroaniline	8.25	127	125365	14.540	ng		96
34) Hexachlorobutadiene	8.32	225	208242	45.920	ng		99
35) Caprolactam	8.60	113	59544	28.690	ng		90
36) 4-Chloro-3-methylphenol	8.73	107	272962	42.230	ng		100
37) 2-Methylnaphthalene	8.89	142	625914	45.552	ng		98
38) 1-Methylnaphthalene	8.99	142	592367	44.667	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	320108	52.153	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	125027	36.529 ng		98
43) 2,4,6-Trichlorophenol	9.17	196	205241	52.660 ng		100
44) 2,4,5-Trichlorophenol	9.22	196	219557	50.223 ng		97
46) 1,1'-Biphenyl	9.36	154	758258	52.530 ng		99
47) 2-Chloronaphthalene	9.38	162	590752	50.326 ng		97
48) 2-Nitroaniline	9.47	65	161896	52.611 ng		96
49) Acenaphthylene	9.80	152	877424	47.746 ng		99
50) Dimethylphthalate	9.65	163	713719	52.228 ng		99
51) 2,6-Dinitrotoluene	9.71	165	146835	50.084 ng		92
52) Acenaphthene	9.97	154	527071	48.531 ng		98
53) 3-Nitroaniline	9.87	138	106779	34.660 ng		97
54) 2,4-Dinitrophenol	9.99	184	46431	41.118 ng	#	3
55) Dibenzofuran	10.14	168	781783	48.056 ng		99
56) 4-Nitrophenol	10.04	139	196360	80.500 ng		95
57) 2,4-Dinitrotoluene	10.12	165	181864	49.146 ng		96
58) Fluorene	10.49	166	566587	46.260 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	175813	45.764 ng		100
60) Diethylphthalate	10.35	149	643830	49.613 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	312153	48.124 ng		98
62) 4-Nitroaniline	10.49	138	133175	44.297 ng		96
63) Azobenzene	10.63	77	560484	44.564 ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	34260	26.022 ng		94
66) n-Nitrosodiphenylamine	10.59	169	513668	50.558 ng		99
67) 4-Bromophenyl-phenylether	10.96	248	194611	47.576 ng		97
68) Hexachlorobenzene	11.03	284	208681	46.425 ng		97
69) Atrazine	11.12	200	157765	47.734 ng		98
70) Pentachlorophenol	11.23	266	250447	98.406 ng		98
71) Phenanthrene	11.45	178	845009	49.657 ng		99
72) Anthracene	11.50	178	883870	51.435 ng		99
73) Carbazole	11.65	167	783585	51.112 ng		99
74) Di-n-butylphthalate	11.97	149	923090	51.186 ng		99
75) Fluoranthene	12.63	202	1001607	53.949 ng		98
77) Benzidine	12.75	184	128121	12.566 ng		96
78) Pyrene	12.86	202	1024491	42.810 ng		98
80) Butylbenzylphthalate	13.47	149	438038	46.523 ng		96
81) Benzo(a)anthracene	14.05	228	1027224	50.949 ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	396580	53.665 ng		98
83) Chrysene	14.09	228	1017572	51.822 ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	616979	51.503 ng		98
85) Di-n-octyl phthalate	14.66	149	1111239	59.264 ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	784555	42.181 ng		98
88) Benzo(b)fluoranthene	15.11	252	1011957	50.903 ng		99
89) Benzo(k)fluoranthene	15.14	252	913452	53.417 ng		98
90) Benzo(a)pyrene	15.49	252	865988	50.362 ng		99
91) Dibenzo(a,h)anthracene	17.05	278	677439	41.969 ng		100
92) Benzo(g,h,i)perylene	17.49	276	627300	38.509 ng		98

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

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