Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
Data File : BF115789.D
Acq On : 26 Jul 2019 15:30
Operator : HP/JU
Sample : K3620-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072519-CMS

Quant Time: Jul 26 23:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122570	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	435506	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	197233	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	295926	20.00	ng		0.00
76) Chrysene-d12	14.03	240	280733	20.00	ng		0.00
87) Perylene-d12	15.50	264	340526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	915623	122.19	ng		0.01
7) Phenol-d6	6.51	99	1171746	123.23	ng		0.00
23) Nitrobenzene-d5	7.43	82	742097	99.08	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	239448	104.01	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1140397	101.20	ng		0.00
79) Terphenyl-d14	12.97	244	1058394	69.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	127619	34.143	ng		99
3) Pyridine	3.46	79	328006	32.344	ng		99
4) n-Nitrosodimethylamine	3.39	42	150753	40.977	ng		100
6) Aniline	6.53	93	206539	15.609	ng		98
8) 2-Chlorophenol	6.66	128	317203	36.818	ng		99
9) Benzaldehyde	6.42	77	201445	33.903	ng		96
10) Phenol	6.52	94	400573	36.291	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	321394	38.245	ng		98
12) 1,3-Dichlorobenzene	6.82	146	353073	36.451	ng		99
13) 1,4-Dichlorobenzene	6.89	146	356046	36.840	ng		98
14) 1,2-Dichlorobenzene	7.05	146	332118	37.592	ng		98
15) Benzyl Alcohol	7.01	79	268773	35.634	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	413191	37.347	ng		97
17) 2-Methylphenol	7.12	107	265839	35.805	ng		98
18) Hexachloroethane	7.39	117	125144	34.886	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	218336	35.209	ng		98
20) 3+4-Methylphenols	7.27	107	310157	35.169	ng	#	79
22) Acetophenone	7.27	105	438898	44.609	ng		98
24) Nitrobenzene	7.45	77	347467	43.012	ng		96
25) Isophorone	7.69	82	596717	39.815	ng		99
26) 2-Nitrophenol	7.77	139	164633	39.593	ng		97
27) 2,4-Dimethylphenol	7.80	122	274097	44.057	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	374719	40.756	ng		99
29) 2,4-Dichlorophenol	8.01	162	247445	38.243	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	287247	39.274	ng		99
31) Naphthalene	8.17	128	888531	42.127	ng		99
33) 4-Chloroaniline	8.22	127	123466	13.216	ng		98
34) Hexachlorobutadiene	8.29	225	162970	38.856	ng		98
35) Caprolactam	8.57	113	67329	33.674	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	243427	36.269	ng		98
37) 2-Methylnaphthalene	8.86	142	564147	40.351	ng		99
38) 1-Methylnaphthalene	8.96	142	520912	39.226	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	249120	41.944	ng		99
41) Hexachlorocyclopentadiene	9.02	237	123315	36.397	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	149617	34.447 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	155866	35.041 ng	98
46) 1,1'-Biphenyl	9.33	154	665814	43.180 ng	98
47) 2-Chloronaphthalene	9.35	162	509954	39.719 ng	99
48) 2-Nitroaniline	9.45	65	152807	38.453 ng	96
49) Acenaphthylene	9.77	152	760157	39.957 ng	99
50) Dimethylphthalate	9.62	163	798333	53.799 ng	99
51) 2,6-Dinitrotoluene	9.69	165	123210	36.536 ng	98
52) Acenaphthene	9.94	154	448336	36.502 ng	100
53) 3-Nitroaniline	9.85	138	93501	24.262 ng	94
54) 2,4-Dinitrophenol	9.97	184	12548	7.247 ng	92
55) Dibenzofuran	10.11	168	658828	37.771 ng	99
56) 4-Nitrophenol	10.02	139	178572	60.766 ng	95
57) 2,4-Dinitrotoluene	10.09	165	151517	34.680 ng	100
58) Fluorene	10.45	166	486645	39.027 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	118644	31.907 ng	98
60) Diethylphthalate	10.32	149	529844	38.108 ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	248875	35.991 ng	98
62) 4-Nitroaniline	10.46	138	117624	31.820 ng	99
63) Azobenzene	10.60	77	527481	39.113 ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	24155	13.360 ng	99
66) n-Nitrosodiphenylamine	10.56	169	428455	46.545 ng	100
67) 4-Bromophenyl-phenylether	10.93	248	141217	41.759 ng	95
68) Hexachlorobenzene	11.01	284	151643	39.266 ng	97
69) Atrazine	11.09	200	125491	41.556 ng	98
70) Pentachlorophenol	11.20	266	156620	66.307 ng	99
71) Phenanthrene	11.42	178	679878	44.821 ng	100
72) Anthracene	11.47	178	703310	44.864 ng	99
73) Carbazole	11.62	167	613058	44.596 ng	99
74) Di-n-butylphthalate	11.95	149	746588	44.090 ng	99
75) Fluoranthene	12.60	202	760746	47.459 ng	100
77) Benzidine	12.72	184	254840	25.625 ng	99
78) Pyrene	12.83	202	801056	33.679 ng	99
80) Butylbenzylphthalate	13.44	149	336892	33.226 ng	94
81) Benzo(a)anthracene	14.02	228	762600	41.233 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	175336	26.668 ng	99
83) Chrysene	14.06	228	736998	39.696 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	483532	38.500 ng	99
85) Di-n-octyl phthalate	14.62	149	869686	43.521 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	735554	46.632 ng	100
88) Benzo(b)fluoranthene	15.07	252	820797	37.433 ng	99
89) Benzo(k)fluoranthene	15.10	252	760089	38.881 ng	99
90) Benzo(a)pyrene	15.44	252	775148	41.130 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	626047	37.839 ng	98
92) Benzo(g,h,i)perylene	17.43	276	588544	35.668 ng	98

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

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