Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121852.D
Acq On : 6 Oct 2020 14:56
Operator : JU/CG
Sample : L4213-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-15(3-4)MSD

Quant Time: Oct 06 15:45:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	124911	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	476118	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	232043	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	362817	20.00	ng		0.00
76) Chrysene-d12	13.93	240	246148	20.00	ng		0.00
86) Perylene-d12	15.36	264	254145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	973045	115.77	ng		0.01
7) Phenol-d6	6.42	99	1237654	112.24	ng		0.00
23) Nitrobenzene-d5	7.33	82	874954	98.67	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	302637	104.94	ng		-0.01
45) 2-Fluorobiphenyl	9.13	172	1355594	88.48	ng		0.00
79) Terphenyl-d14	12.87	244	1014602	83.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	149340	38.675	ng		99
3) Pyridine	3.27	79	435908	40.835	ng		98
4) n-Nitrosodimethylamine	3.23	42	212851	42.986	ng		99
6) Aniline	6.43	93	357346	24.882	ng	#	1
8) 2-Chlorophenol	6.55	128	393457	45.977	ng		97
9) Benzaldehyde	6.31	77	109074	15.131	ng		99
10) Phenol	6.43	94	477859	40.695	ng		99
11) bis(2-Chloroethyl)ether	6.50	93	391396	44.225	ng		98
12) 1,3-Dichlorobenzene	6.70	146	413717	43.314	ng		99
13) 1,4-Dichlorobenzene	6.78	146	414226	43.190	ng		99
14) 1,2-Dichlorobenzene	6.93	146	395041	44.712	ng		99
15) Benzyl Alcohol	6.92	79	339058	45.238	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	591011	41.499	ng		90
17) 2-Methylphenol	7.03	107	313688	43.081	ng	#	94
18) Hexachloroethane	7.27	117	149382	43.500	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	274586	43.207	ng		98
20) 3+4-Methylphenols	7.19	107	380582	43.503	ng	#	77
22) Acetophenone	7.18	105	516083	42.722	ng		95
24) Nitrobenzene	7.35	77	425412	44.356	ng		99
25) Isophorone	7.59	82	748050	41.906	ng		99
26) 2-Nitrophenol	7.67	139	199743	44.439	ng		96
27) 2,4-Dimethylphenol	7.71	122	336939	42.286	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	482127	43.628	ng		100
29) 2,4-Dichlorophenol	7.92	162	311769	42.959	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	330698	43.266	ng		99
31) Naphthalene	8.07	128	1087504	43.269	ng		99
32) Benzoic acid	7.85	122	107648	22.427	ng		98
33) 4-Chloroaniline	8.12	127	229636	21.078	ng		99
34) Hexachlorobutadiene	8.19	225	198199	44.178	ng		99
35) Caprolactam	8.50	113	95704	39.599	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	331755	42.434	ng		100
37) 2-Methylnaphthalene	8.76	142	694101	42.141	ng		98
38) 1-Methylnaphthalene	8.86	142	642778	41.932	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	323937	44.692	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	77876	18.814 ng		99
43) 2,4,6-Trichlorophenol	9.05	196	205942	41.684 ng		99
44) 2,4,5-Trichlorophenol	9.09	196	213993	40.972 ng		96
46) 1,1'-Biphenyl	9.23	154	815766	43.914 ng		99
47) 2-Chloronaphthalene	9.25	162	629562	43.006 ng		99
48) 2-Nitroaniline	9.35	65	217109	47.727 ng		98
49) Acenaphthylene	9.66	152	954897	42.455 ng		99
50) Dimethylphthalate	9.53	163	927853	55.170 ng		100
51) 2,6-Dinitrotoluene	9.60	165	164698	45.983 ng	#	81
52) Acenaphthene	9.84	154	579068	40.761 ng		99
53) 3-Nitroaniline	9.76	138	119834	28.881 ng		98
54) 2,4-Dinitrophenol	9.88	184	42815	27.429 ng		92
55) Dibenzofuran	10.01	168	820437	41.009 ng		100
56) 4-Nitrophenol	9.94	139	194178	58.682 ng		86
57) 2,4-Dinitrotoluene	10.00	165	196148	43.530 ng		95
58) Fluorene	10.35	166	647567	42.327 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	159878	37.653 ng		98
60) Diethylphthalate	10.23	149	719866	43.901 ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	314748	42.946 ng		96
62) 4-Nitroaniline	10.37	138	152733	37.073 ng		96
63) Azobenzene	10.50	77	716196	41.015 ng		97
65) 4,6-Dinitro-2-methylphenol	10.41	198	45744	24.465 ng		93
66) n-Nitrosodiphenylamine	10.46	169	603422	48.478 ng		100
67) 4-Bromophenyl-phenylether	10.83	248	200307	48.491 ng		96
68) Hexachlorobenzene	10.90	284	212827	45.654 ng		99
69) Atrazine	10.99	200	135985	43.973 ng		98
70) Pentachlorophenol	11.10	266	142696	55.737 ng		99
71) Phenanthrene	11.31	178	1019969	51.598 ng		99
72) Anthracene	11.36	178	911968	44.705 ng		100
73) Carbazole	11.52	167	765974	41.610 ng		99
74) Di-n-butylphthalate	11.85	149	980576	46.152 ng		100
75) Fluoranthene	12.50	202	1029883	48.805 ng		100
77) Benzidine	12.62	184	207966	25.485 ng		99
78) Pyrene	12.73	202	1009742	56.146 ng		99
80) Butylbenzylphthalate	13.34	149	346327	47.615 ng		98
81) Benzo(a)anthracene	13.92	228	820894	52.714 ng		99
82) 3,3'-Dichlorobenzidine	13.87	252	226169	37.202 ng		98
83) Chrysene	13.95	228	784580	49.754 ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	470221	48.393 ng		100
85) Di-n-octyl phthalate	14.51	149	803586	46.862 ng		99
87) Indeno(1,2,3-cd)pyrene	16.79	276	781114	47.195 ng		99
88) Benzo(b)fluoranthene	14.95	252	949082	55.862 ng		99
89) Benzo(k)fluoranthene	14.98	252	687802	44.208 ng		99
90) Benzo(a)pyrene	15.31	252	754741	52.260 ng		99
91) Dibenzo(a,h)anthracene	16.80	278	615705	44.690 ng		100
92) Benzo(g,h,i)perylene	17.22	276	637630	47.083 ng		99

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

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