Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125863.D
Acq On : 15 Oct 2021 15:22
Operator : JU/CG
Sample : M4227-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-21502-05MSD

Manual Integrations APPROVED
mohammad
10/19/2021 12:06:43 PM

Quant Time: Oct 15 16:17:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 15:00:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	203590	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	827121	20.00	ng		# 0.00
39) Acenaphthene-d10	9.869	164	430865	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	685923	20.00	ng		# 0.00
76) Chrysene-d12	13.986	240	418589	20.00	ng		0.00
86) Perylene-d12	15.439	264	438767	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1337251	107.30	ng		0.01
7) Phenol-d6	6.469	99	1682451	104.87	ng		0.00
23) Nitrobenzene-d5	7.398	82	1035299	77.81	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	471437	110.82	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1970903	78.90	ng		0.00
79) Terphenyl-d14	12.933	244	1695190	61.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	211951	39.94	ng	#	100
3) Pyridine	3.405	79	477000	34.74	ng	#	71
4) n-Nitrosodimethylamine	3.352	42	216948	43.90	ng	#	1
6) Aniline	6.498	93	640573	34.68	ng		94
8) 2-Chlorophenol	6.622	128	613187	44.92	ng		98
9) Benzaldehyde	6.387	77	327195	37.58	ng		92
10) Phenol	6.481	94	719767	46.14	ng		92
11) bis(2-Chloroethyl)ether	6.569	93	557703	44.12	ng		98
12) 1,3-Dichlorobenzene	6.775	146	636365	42.73	ng		98
13) 1,4-Dichlorobenzene	6.851	146	649371	42.76	ng		97
14) 1,2-Dichlorobenzene	7.004	146	621866	43.72	ng		99
15) Benzyl Alcohol	6.975	79	470223	44.23	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	695744	43.04	ng		87
17) 2-Methylphenol	7.087	107	474617	43.68	ng		98
18) Hexachloroethane	7.351	117	230960	44.17	ng	#	86
19) n-Nitroso-di-n-propyla...	7.251	70	365331	43.14	ng	#	69
20) 3+4-Methylphenols	7.240	107	557120	41.57	ng		86
22) Acetophenone	7.245	105	754202	41.48	ng		95
24) Nitrobenzene	7.416	77	566843	43.96	ng		98
25) Isophorone	7.657	82	1030362	43.71	ng		94
26) 2-Nitrophenol	7.734	139	336417	51.59	ng	#	93
27) 2,4-Dimethylphenol	7.769	122	536741	49.43	ng		96
28) bis(2-Chloroethoxy)met...	7.863	93	682761	41.73	ng		98
29) 2,4-Dichlorophenol	7.975	162	505830	43.24	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	527594	41.13	ng		98
31) Naphthalene	8.140	128	1708435	42.72	ng		99
32) Benzoic acid	7.892	122	323657	42.38	ng		98
33) 4-Chloroaniline	8.181	127	309743	18.51	ng		100
34) Hexachlorobutadiene	8.257	225	292322	40.79	ng		100
35) Caprolactam	8.557	113	161439m	47.76	ng		
36) 4-Chloro-3-methylphenol	8.669	107	504298	44.12	ng		99
37) 2-Methylnaphthalene	8.828	142	1161930	44.86	ng		99
38) 1-Methylnaphthalene	8.928	142	1064913	42.37	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	475144	41.09	ng		99
41) Hexachlorocyclopentadiene	8.986	237	473844	83.49	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	356481	42.53	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	378252	42.44	ng		92
46) 1,1'-Biphenyl	9.292	154	1305415	41.21	ng		98
47) 2-Chloronaphthalene	9.316	162	1076464	41.85	ng		99
48) 2-Nitroaniline	9.410	65	288664	46.75	ng		90
49) Acenaphthylene	9.734	152	1613771	42.84	ng		98
50) Dimethylphthalate	9.592	163	1241913	43.79	ng		98
51) 2,6-Dinitrotoluene	9.651	165	285477	49.79	ng		96
52) Acenaphthene	9.904	154	1078669	45.84	ng		97
53) 3-Nitroaniline	9.822	138	214379	31.62	ng		95
54) 2,4-Dinitrophenol	9.928	184	238877	98.16	ng	#	73
55) Dibenzofuran	10.075	168	1453109	41.22	ng		97
56) 4-Nitrophenol	9.986	139	460575	91.14	ng	#	84
57) 2,4-Dinitrotoluene	10.057	165	367199	50.66	ng	#	83
58) Fluorene	10.416	166	1082049	41.91	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	280802	41.74	ng	#	89
60) Diethylphthalate	10.292	149	1189652	43.96	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	503458	40.48	ng		89
62) 4-Nitroaniline	10.433	138	280788	44.82	ng	#	75
63) Azobenzene	10.569	77	1042370	40.98	ng		83
65) 4,6-Dinitro-2-methylph...	10.463	198	162544	47.51	ng	#	74
66) n-Nitrosodiphenylamine	10.528	169	1007565	43.06	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	321559	42.33	ng		97
68) Hexachlorobenzene	10.969	284	368662	42.82	ng	#	79
69) Atrazine	11.057	200	319715	47.08	ng		92
70) Pentachlorophenol	11.157	266	366670	79.68	ng		94
71) Phenanthrene	11.380	178	1526711	41.60	ng		97
72) Anthracene	11.428	178	1579016	43.08	ng		98
73) Carbazole	11.580	167	1406267	41.22	ng		99
74) Di-n-butylphthalate	11.916	149	1734950	46.07	ng		99
75) Fluoranthene	12.563	202	1409661	42.57	ng		97
77) Benzidine	12.680	184	661908	43.21	ng		97
78) Pyrene	12.792	202	1408529	33.12	ng		97
80) Butylbenzylphthalate	13.410	149	610103	44.76	ng		96
81) Benzo(a)anthracene	13.974	228	1105794	40.72	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	379033	44.17	ng		98
83) Chrysene	14.016	228	1137529	42.38	ng		98
84) Bis(2-ethylhexyl)phtha...	13.969	149	788090	53.13	ng	#	97
85) Di-n-octyl phthalate	14.574	149	1350237	54.64	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.886	276	1253119	37.42	ng		97
88) Benzo(b)fluoranthene	15.016	252	1291115	52.12	ng		98
89) Benzo(k)fluoranthene	15.045	252	1079891	42.46	ng	#	97
90) Benzo(a)pyrene	15.380	252	1175692	53.59	ng		97
91) Dibenzo(a,h)anthracene	16.904	278	1050627	38.03	ng		98
92) Benzo(g,h,i)perylene	17.327	276	1021707	36.22	ng		94

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

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