Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
Data File : BF126474.D
Acq On : 4 Jan 2022 18:32
Operator : JU/CG
Sample : M5331-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

Quant Time: Jan 05 02:00:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	133332	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	562447	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	266200	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	424747	20.000	ng		0.00
76) Chrysene-d12	13.951	240	224239	20.000	ng		0.00
86) Perylene-d12	15.386	264	218630	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1062230	114.408	ng		0.03
7) Phenol-d6	6.428	99	1252949	104.191	ng		0.00
23) Nitrobenzene-d5	7.351	82	991294	90.496	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	300304	145.988	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1330799	87.973	ng		0.00
79) Terphenyl-d14	12.898	244	1165499	100.985	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	198373	42.607	ng	#	86
3) Pyridine	3.440	79	316887	25.232	ng		98
4) n-Nitrosodimethylamine	3.346	42	236813	45.863	ng		100
6) Aniline	6.451	93	194410	13.001	ng	#	86
8) 2-Chlorophenol	6.575	128	489650	52.883	ng		95
9) Benzaldehyde	6.339	77	241322	32.416	ng		91
10) Phenol	6.439	94	510675	38.053	ng		99
11) bis(2-Chloroethyl)ether	6.528	93	551404	53.811	ng		95
12) 1,3-Dichlorobenzene	6.728	146	453436	49.006	ng		99
13) 1,4-Dichlorobenzene	6.804	146	455964	49.369	ng		98
14) 1,2-Dichlorobenzene	6.957	146	445727	49.531	ng		98
15) Benzyl Alcohol	6.934	79	419934	49.910	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	795360	49.422	ng		97
17) 2-Methylphenol	7.045	107	387916	47.628	ng		99
18) Hexachloroethane	7.298	117	185729	50.474	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	324731	47.322	ng		95
20) 3+4-Methylphenols	7.198	107	417791	43.086	ng	#	86
22) Acetophenone	7.198	105	634394	48.789	ng		96
24) Nitrobenzene	7.369	77	524249	47.826	ng		96
25) Isophorone	7.610	82	963197	49.119	ng		99
26) 2-Nitrophenol	7.686	139	256983	52.885	ng		96
27) 2,4-Dimethylphenol	7.728	122	431687	56.815	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	626000	48.868	ng		99
29) 2,4-Dichlorophenol	7.928	162	356245	51.348	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	364660	50.432	ng		98
31) Naphthalene	8.092	128	1336937	50.360	ng		100
32) Benzoic acid	7.863	122	325976	57.496	ng		97
33) 4-Chloroaniline	8.139	127	121938	10.964	ng		95
34) Hexachlorobutadiene	8.210	225	178426	50.769	ng		97
35) Caprolactam	8.516	113	101421m	57.464	ng		
36) 4-Chloro-3-methylphenol	8.628	107	413971	48.892	ng		98
37) 2-Methylnaphthalene	8.786	142	838422	53.537	ng		98
38) 1-Methylnaphthalene	8.880	142	786903	51.971	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	288414	49.860	ng		98
41) Hexachlorocyclopentadiene	8.939	237	294289	124.958	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	221974	51.889	ng		96

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	234872	51.007	ng	99
46) 1,1'-Biphenyl	9.251	154	974447	49.910	ng	99
47) 2-Chloronaphthalene	9.275	162	721295	48.775	ng	99
48) 2-Nitroaniline	9.369	65	269729	45.168	ng	93
49) Acenaphthylene	9.686	152	1111695	49.566	ng	100
50) Dimethylphthalate	9.557	163	869374	52.314	ng	100
51) 2,6-Dinitrotoluene	9.616	165	190923	53.198	ng	92
52) Acenaphthene	9.863	154	810155m	55.097	ng	
53) 3-Nitroaniline	9.780	138	102080	20.745	ng	84
54) 2,4-Dinitrophenol	9.892	184	216459	115.495	ng	94
55) Dibenzofuran	10.033	168	937967	47.187	ng	96
56) 4-Nitrophenol	9.951	139	317431	90.705	ng	96
57) 2,4-Dinitrotoluene	10.022	165	243142	52.511	ng	93
58) Fluorene	10.375	166	692003	49.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	172283	52.128	ng	94
60) Diethylphthalate	10.257	149	803601	50.175	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	296186	48.291	ng	95
62) 4-Nitroaniline	10.398	138	212060	45.758	ng	92
63) Azobenzene	10.527	77	946901	45.900	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	132807	57.739	ng	91
66) n-Nitrosodiphenylamine	10.492	169	651194	49.416	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	191778	50.869	ng	96
68) Hexachlorobenzene	10.927	284	226658	51.686	ng	93
69) Atrazine	11.022	200	191930	84.583	ng	97
70) Pentachlorophenol	11.122	266	243486	114.238	ng	98
71) Phenanthrene	11.339	178	1051263	48.412	ng	99
72) Anthracene	11.392	178	1086694	50.013	ng	100
73) Carbazole	11.545	167	986440	46.362	ng	99
74) Di-n-butylphthalate	11.874	149	1219596	50.347	ng	99
75) Fluoranthene	12.521	202	991014	50.003	ng	98
77) Benzidine	12.639	184	126171	32.297	ng	99
78) Pyrene	12.751	202	1017431	53.689	ng	99
80) Butylbenzylphthalate	13.374	149	463152	55.155	ng	89
81) Benzo(a)anthracene	13.939	228	624663	48.439	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	144647	24.043	ng	96
83) Chrysene	13.974	228	687346	51.962	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	497849	57.208	ng	100
85) Di-n-octyl phthalate	14.545	149	922210	61.104	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	806168	55.097	ng	99
88) Benzo(b)fluoranthene	14.974	252	688564	52.868	ng	97
89) Benzo(k)fluoranthene	15.004	252	658568	52.198	ng	99
90) Benzo(a)pyrene	15.327	252	668273	61.194	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	658717	55.792	ng	98
92) Benzo(g,h,i)perylene	17.245	276	719791	57.253	ng	98

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

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