Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
Data File : BF128841.D
Acq On : 16 Jun 2022 16:02
Operator : CG\JU
Sample : N3305-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-107-(9-10)MSD

Quant Time: Jun 17 02:21:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 14:53:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	75000	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	295026	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	164533	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	303093	20.000	ng		0.00
76) Chrysene-d12	13.963	240	173506	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	160289	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	506669	107.605	ng		0.01
7) Phenol-d6	6.445	99	646729	112.521	ng		0.00
23) Nitrobenzene-d5	7.351	82	453502	71.568	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	191982	98.754	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	833132	70.931	ng		0.00
79) Terphenyl-d14	12.904	244	900816	90.215	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	92854	53.119	ng		94
3) Pyridine	3.298	79	250963	54.045	ng		92
4) n-Nitrosodimethylamine	3.263	42	173790	53.969	ng	#	84
6) Aniline	6.445	93	251295	40.539	ng	#	61
8) 2-Chlorophenol	6.581	128	264937	54.989	ng		99
9) Benzaldehyde	6.334	77	150462	42.969	ng		93
10) Phenol	6.457	94	330061	54.325	ng		88
11) bis(2-Chloroethyl)ether	6.522	93	239639	53.827	ng		98
12) 1,3-Dichlorobenzene	6.722	146	295182	52.996	ng		98
13) 1,4-Dichlorobenzene	6.798	146	303327	53.921	ng		99
14) 1,2-Dichlorobenzene	6.951	146	285077	54.175	ng		97
15) Benzyl Alcohol	6.934	79	248934	51.764	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.057	45	361974	49.348	ng	#	1
17) 2-Methylphenol	7.057	107	219793	57.720	ng	#	85
18) Hexachloroethane	7.292	117	111682	53.363	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	197852	55.364	ng		97
20) 3+4-Methylphenols	7.210	107	284039	55.872	ng	#	81
22) Acetophenone	7.198	105	394415	51.115	ng		97
24) Nitrobenzene	7.369	77	304120	52.277	ng		96
25) Isophorone	7.610	82	518823	53.909	ng		97
26) 2-Nitrophenol	7.686	139	140239	54.713	ng	#	88
27) 2,4-Dimethylphenol	7.734	122	240173	61.513	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	298061	48.992	ng		100
29) 2,4-Dichlorophenol	7.939	162	226614	50.147	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	248588	48.855	ng		99
31) Naphthalene	8.092	128	775865	51.243	ng		99
32) Benzoic acid	7.886	122	73310	26.465	ng		91
33) 4-Chloroaniline	8.139	127	113282	19.844	ng		97
34) Hexachlorobutadiene	8.204	225	170365	47.211	ng		100
35) Caprolactam	8.528	113	67851m	54.298	ng		
36) 4-Chloro-3-methylphenol	8.651	107	254777	51.661	ng		98
37) 2-Methylnaphthalene	8.780	142	499412	51.858	ng		98
38) 1-Methylnaphthalene	8.880	142	472221	50.752	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	265363	51.931	ng		99
41) Hexachlorocyclopentadiene	8.933	237	184137	59.949	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	156084	45.169	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.122	196	165306	46.290	ng	#	94
46)	1,1'-Biphenyl	9.251	154	630448	51.068	ng		96
47)	2-Chloronaphthalene	9.275	162	485261	51.513	ng		99
48)	2-Nitroaniline	9.375	65	175703	54.545	ng		93
49)	Acenaphthylene	9.692	152	780093	54.093	ng		99
50)	Dimethylphthalate	9.551	163	567943	50.430	ng		99
51)	2,6-Dinitrotoluene	9.622	165	128242	57.695	ng		97
52)	Acenaphthene	9.863	154	444854	47.368	ng		100
53)	3-Nitroaniline	9.786	138	80815	33.500	ng		95
54)	2,4-Dinitrophenol	9.910	184	88255	71.285	ng		88
55)	Dibenzofuran	10.033	168	670433	49.673	ng		93
56)	4-Nitrophenol	9.986	139	123795	70.793	ng	#	72
57)	2,4-Dinitrotoluene	10.027	165	166729	56.206	ng	#	83
58)	Fluorene	10.380	166	547400	52.297	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.163	232	128875	43.692	ng		96
60)	Diethylphthalate	10.251	149	548006	48.415	ng		99
61)	4-Chlorophenyl-phenyle...	10.369	204	268026	49.369	ng		95
62)	4-Nitroaniline	10.410	138	123109	50.401	ng		87
63)	Azobenzene	10.527	77	534318	47.951	ng		98
65)	4,6-Dinitro-2-methylph...	10.439	198	78036	43.627	ng		96
66)	n-Nitrosodiphenylamine	10.492	169	490355	52.636	ng		99
67)	4-Bromophenyl-phenylether	10.857	248	170445	50.427	ng		95
68)	Hexachlorobenzene	10.927	284	196340	52.305	ng		96
69)	Atrazine	11.022	200	165338	55.189	ng		98
70)	Pentachlorophenol	11.133	266	106927	57.065	ng		98
71)	Phenanthrene	11.339	178	795810	52.347	ng		99
72)	Anthracene	11.392	178	805677	53.543	ng		99
73)	Carbazole	11.551	167	707438	50.619	ng		99
74)	Di-n-butylphthalate	11.874	149	829158	48.727	ng		100
75)	Fluoranthene	12.533	202	823502	51.821	ng		96
77)	Benzidine	12.651	184	327951	94.818	ng		99
78)	Pyrene	12.763	202	810890	62.817	ng		98
80)	Butylbenzylphthalate	13.374	149	291058	53.691	ng		100
81)	Benzo(a)anthracene	13.951	228	575221	53.186	ng		100
82)	3,3'-Dichlorobenzidine	13.910	252	80461	34.774	ng		97
83)	Chrysene	13.986	228	524584	50.876	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.933	149	346522	49.169	ng		99
85)	Di-n-octyl phthalate	14.545	149	494944	46.629	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.874	276	609617	63.100	ng	#	90
88)	Benzo(b)fluoranthene	14.998	252	507041	49.505	ng	#	97
89)	Benzo(k)fluoranthene	15.027	252	473505	49.145	ng	#	97
90)	Benzo(a)pyrene	15.357	252	479410	59.554	ng	#	97
91)	Dibenzo(a,h)anthracene	16.886	278	528389	65.937	ng	#	95
92)	Benzo(g,h,i)perylene	17.309	276	529035	66.611	ng	#	93

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

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