Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126349.D
Acq On : 23 Dec 2021 17:43
Operator : JU/CG
Sample : M5181-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:51:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	72777	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	177260	20.000	ng		# 0.01
39) Acenaphthene-d10	9.881	164	77884	20.000	ng		0.02
64) Phenanthrene-d10	11.363	188	123458	20.000	ng		# 0.02
76) Chrysene-d12	14.010	240	131453	20.000	ng		# 0.03
86) Perylene-d12	15.463	264	117256	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	774458	156.712	ng		0.00
7) Phenol-d6	6.451	99	901594	143.681	ng		0.00
23) Nitrobenzene-d5	7.387	82	550052m	168.060	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	109496	174.939	ng		0.02
45) 2-Fluorobiphenyl	9.198	172	447145	100.693	ng		0.02
79) Terphenyl-d14	12.957	244	458754	60.658	ng		0.03
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.557	88	152792	63.338	ng	#	100
3) Pyridine	3.293	79	308205	48.110	ng	#	81
4) n-Nitrosodimethylamine	3.240	42	174082	70.704	ng	#	6
6) Aniline	6.481	93	155834	19.551	ng	#	93
8) 2-Chlorophenol	6.604	128	283016	56.473	ng		89
9) Benzaldehyde	6.363	77	216772	57.248	ng		94
10) Phenol	6.463	94	404030	57.360	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	376037	68.778	ng		95
12) 1,3-Dichlorobenzene	6.763	146	267783	52.970	ng		97
13) 1,4-Dichlorobenzene	6.840	146	254566	49.866	ng	#	92
14) 1,2-Dichlorobenzene	6.992	146	238100	50.443	ng	#	83
15) Benzyl Alcohol	6.963	79	188332m	41.113	ng		
16) 2,2'-oxybis(1-Chloropr...	7.098	45	411474	45.989	ng		82
17) 2-Methylphenol	7.075	107	217740	49.597	ng	#	92
18) Hexachloroethane	7.340	117	95381	47.499	ng		97
19) n-Nitroso-di-n-propyla...	7.240	70	189962	49.313	ng	#	73
20) 3+4-Methylphenols	7.228	107	220139	42.415	ng	#	55
22) Acetophenone	7.234	105	306501	75.131	ng	#	83
24) Nitrobenzene	7.404	77	255770	78.281	ng		95
25) Isophorone	7.645	82	506586	81.963	ng	#	41
26) 2-Nitrophenol	7.728	139	114660	77.846	ng	#	19
27) 2,4-Dimethylphenol	7.763	122	190997	76.358	ng		86
28) bis(2-Chloroethoxy)met...	7.857	93	251745	61.952	ng	#	51
29) 2,4-Dichlorophenol	7.969	162	159452	71.715	ng	#	83
30) 1,2,4-Trichlorobenzene	8.057	180	135960	59.117	ng		99
31) Naphthalene	8.139	128	463736	55.942	ng		99
32) Benzoic acid	7.881	122	88128	40.897	ng	#	62
33) 4-Chloroaniline	8.187	127	50319	14.538	ng	#	61
34) Hexachlorobutadiene	8.263	225	76485	67.715	ng		97
35) Caprolactam	8.569	113	235123	425.506	ng	#	42
36) 4-Chloro-3-methylphenol	8.663	107	176565	67.321	ng	#	72
37) 2-Methylnaphthalene	8.839	142	270127	52.913	ng		99
38) 1-Methylnaphthalene	8.939	142	246525	49.760	ng		95
40) 1,2,4,5-Tetrachloroben...	9.010	216	100485	59.778	ng	#	83
41) Hexachlorocyclopentadiene	8.992	237	36556	37.977	ng		99
43) 2,4,6-Trichlorophenol	9.110	196	68807	52.035	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	63775	46.573	ng	#	1
46) 1,1'-Biphenyl	9.304	154	292182	50.736	ng		99
47) 2-Chloronaphthalene	9.328	162	217306	50.153	ng		92
48) 2-Nitroaniline	9.410	65	84842	53.647	ng		87
49) Acenaphthylene	9.745	152	354078	53.480	ng	#	91
50) Dimethylphthalate	9.592	163	264943	53.702	ng	#	88
51) 2,6-Dinitrotoluene	9.651	165	72155	67.571	ng		95
52) Acenaphthene	9.916	154	226150	52.672	ng		99
53) 3-Nitroaniline	9.816	138	45837m	33.772	ng		
54) 2,4-Dinitrophenol	9.928	184	10490m	23.858	ng		
55) Dibenzofuran	10.086	168	305887	52.327	ng		95
56) 4-Nitrophenol	9.975	139	109576	111.768	ng	#	41
57) 2,4-Dinitrotoluene	10.057	165	69453	50.987	ng	#	95
58) Fluorene	10.428	166	243813	57.612	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	53349	52.544	ng	#	55
60) Diethylphthalate	10.292	149	254636	51.359	ng		93
61) 4-Chlorophenyl-phenyle...	10.416	204	117101	61.456	ng	#	87
62) 4-Nitroaniline	10.422	138	49359	43.352	ng		91
63) Azobenzene	10.575	77	272164	45.321	ng		85
65) 4,6-Dinitro-2-methylph...	10.463	198	8442	12.522	ng	#	1
66) n-Nitrosodiphenylamine	10.528	169	266720	67.316	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	66145	57.086	ng	#	76
68) Hexachlorobenzene	10.986	284	73658	55.274	ng		90
69) Atrazine	11.069	200	72975	100.502	ng		77
70) Pentachlorophenol	11.175	266	86146	116.524	ng		93
71) Phenanthrene	11.392	178	335832	52.704	ng	#	91
72) Anthracene	11.445	178	344104	53.802	ng	#	94
73) Carbazole	11.592	167	299941	49.798	ng	#	92
74) Di-n-butylphthalate	11.927	149	395531	51.802	ng	#	94
75) Fluoranthene	12.586	202	351458	61.218	ng		94
77) Benzidine	12.698	184	59409	28.666	ng	#	51
78) Pyrene	12.816	202	406153	33.631	ng		95
80) Butylbenzylphthalate	13.427	149	203120	35.741	ng	#	80
81) Benzo(a)anthracene	13.998	228	386045	49.578	ng		96
82) 3,3'-Dichlorobenzidine	13.957	252	31680	8.906	ng	#	92
83) Chrysene	14.039	228	392581	48.525	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	350020	55.115	ng	#	100
85) Di-n-octyl phthalate	14.598	149	551795	48.741	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	359075	45.911	ng		95
88) Benzo(b)fluoranthene	15.039	252	403884	57.326	ng	#	93
89) Benzo(k)fluoranthene	15.068	252	329597	48.903	ng	#	90
90) Benzo(a)pyrene	15.404	252	358615	61.243	ng	#	95
91) Dibenzo(a,h)anthracene	16.921	278	303120	47.677	ng	#	94
92) Benzo(g,h,i)perylene	17.339	276	310083	47.139	ng		93

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

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