Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
Data File : BF126709.D
Acq On : 27 Jan 2022 16:45
Operator : CG/JU
Sample : PB142322BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB142322BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 28 04:40:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	206140	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	820633	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	451147	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	747809	20.000	ng	#	0.00
76) Chrysene-d12	14.145	240	500905	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	398981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1334709	85.202	ng		0.01
7) Phenol-d6	6.575	99	1818681	83.559	ng		0.00
23) Nitrobenzene-d5	7.522	82	1817066	86.667	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	383192	90.760	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2154750	73.147	ng		0.00
79) Terphenyl-d14	13.086	244	2532329	84.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	283408	36.708	ng	#	88
3) Pyridine	3.640	79	674193	31.173	ng	#	83
4) n-Nitrosodimethylamine	3.610	42	302242	39.496	ng	#	67
6) Aniline	6.622	93	1196892m	43.884	ng		
8) 2-Chlorophenol	6.740	128	659747	45.916	ng		94
9) Benzaldehyde	6.510	77	646532	48.968	ng		87
10) Phenol	6.593	94	1050751	45.390	ng		97
11) bis(2-Chloroethyl)ether	6.693	93	845625	45.015	ng		95
12) 1,3-Dichlorobenzene	6.898	146	668168	41.889	ng		96
13) 1,4-Dichlorobenzene	6.975	146	678396	42.116	ng		98
14) 1,2-Dichlorobenzene	7.128	146	655845	43.189	ng		99
15) Benzyl Alcohol	7.098	79	775259	39.953	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1004876	46.887	ng		85
17) 2-Methylphenol	7.198	107	638594	45.206	ng		95
18) Hexachloroethane	7.469	117	274072	42.140	ng		93
19) n-Nitroso-di-n-propyla...	7.375	70	626416	39.434	ng	#	83
20) 3+4-Methylphenols	7.357	107	760406	41.515	ng		91
22) Acetophenone	7.369	105	1023858	40.485	ng	#	89
24) Nitrobenzene	7.545	77	975213	45.057	ng		90
25) Isophorone	7.781	82	1754788	43.158	ng		95
26) 2-Nitrophenol	7.857	139	332589	58.907	ng	#	84
27) 2,4-Dimethylphenol	7.887	122	646889	48.280	ng		89
28) bis(2-Chloroethoxy)met...	7.987	93	1057836	41.714	ng		97
29) 2,4-Dichlorophenol	8.092	162	555138	43.678	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	559524	41.051	ng		96
31) Naphthalene	8.263	128	1856471	41.877	ng		99
32) Benzoic acid	8.010	122	486408	63.996	ng	#	75
33) 4-Chloroaniline	8.310	127	612785	34.597	ng	#	94
34) Hexachlorobutadiene	8.375	225	331883	38.280	ng		97
35) Caprolactam	8.687	113	218202m	48.075	ng		
36) 4-Chloro-3-methylphenol	8.787	107	704366	42.379	ng		88
37) 2-Methylnaphthalene	8.957	142	1182401	42.886	ng		97
38) 1-Methylnaphthalene	9.057	142	1100183	41.170	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	538483	42.555	ng		97
41) Hexachlorocyclopentadiene	9.104	237	698893	90.715	ng		93
43) 2,4,6-Trichlorophenol	9.228	196	383781	42.545	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	407437	43.611	ng	#	92
46) 1,1'-Biphenyl	9.422	154	1423681	41.887	ng		96
47) 2-Chloronaphthalene	9.445	162	1113999	41.718	ng		98
48) 2-Nitroaniline	9.539	65	495742	53.769	ng		91
49) Acenaphthylene	9.869	152	1744778	41.653	ng		98
50) Dimethylphthalate	9.722	163	1340805	41.903	ng		98
51) 2,6-Dinitrotoluene	9.786	165	298445	53.976	ng		94
52) Acenaphthene	10.039	154	1190731	46.498	ng		98
53) 3-Nitroaniline	9.957	138	277772	43.939	ng		82
54) 2,4-Dinitrophenol	10.063	184	300306	100.991	ng		89
55) Dibenzofuran	10.210	168	1543740	40.114	ng		98
56) 4-Nitrophenol	10.110	139	496770	98.684	ng	#	74
57) 2,4-Dinitrotoluene	10.192	165	397891	59.385	ng		95
58) Fluorene	10.557	166	1175331	40.451	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	333486	43.660	ng	#	83
60) Diethylphthalate	10.422	149	1279218	40.218	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	576140	39.703	ng	#	86
62) 4-Nitroaniline	10.575	138	324975	52.968	ng		80
63) Azobenzene	10.704	77	1832793	38.936	ng		92
65) 4,6-Dinitro-2-methylph...	10.598	198	192361	52.945	ng		94
66) n-Nitrosodiphenylamine	10.663	169	1060083	41.995	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	375557	43.575	ng		97
68) Hexachlorobenzene	11.098	284	405461	44.094	ng		90
69) Atrazine	11.192	200	354386	43.959	ng		93
70) Pentachlorophenol	11.292	266	464319	86.836	ng		99
71) Phenanthrene	11.522	178	1760657	41.211	ng		99
72) Anthracene	11.575	178	1803798	42.080	ng		99
73) Carbazole	11.727	167	1600602	39.772	ng		98
74) Di-n-butylphthalate	12.051	149	1954220	40.269	ng	#	97
75) Fluoranthene	12.710	202	1728841	40.969	ng		97
77) Benzidine	12.833	184	1067099	61.754	ng		99
78) Pyrene	12.945	202	1755436	43.336	ng		97
80) Butylbenzylphthalate	13.557	149	775008	44.038	ng	#	90
81) Benzo(a)anthracene	14.133	228	1451322	42.628	ng		98
82) 3,3'-Dichlorobenzidine	14.098	252	394343	35.258	ng	#	95
83) Chrysene	14.174	228	1412350	43.112	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	1071943	44.976	ng	#	99
85) Di-n-octyl phthalate	14.739	149	1642527	45.013	ng		96
87) Indeno(1,2,3-cd)pyrene	17.233	276	1111006	45.069	ng		93
88) Benzo(b)fluoranthene	15.216	252	1275592	48.211	ng	#	95
89) Benzo(k)fluoranthene	15.251	252	1108668	42.677	ng	#	95
90) Benzo(a)pyrene	15.604	252	1119958	52.025	ng	#	95
91) Dibenzo(a,h)anthracene	17.251	278	945174	46.282	ng		96
92) Benzo(g,h,i)perylene	17.709	276	949377	47.410	ng	#	91

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

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