Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126646.D
Acq On : 24 Jan 2022 18:31
Operator : CG/JU
Sample : N1235-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 03:14:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	108666	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	434462	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	244039	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	414308	20.000	ng		0.00
76) Chrysene-d12	14.145	240	253781	20.000	ng	#	0.00
86) Perylene-d12	15.668	264	217000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	972640	117.783	ng		0.00
7) Phenol-d6	6.581	99	1345560	117.276	ng		0.00
23) Nitrobenzene-d5	7.528	82	1000672	90.151	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	288133	126.162	ng		0.00
45) 2-Fluorobiphenyl	9.327	172	1230762	77.238	ng		0.00
79) Terphenyl-d14	13.086	244	1283427	84.823	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	167815	41.233	ng		91
3) Pyridine	3.634	79	435060	38.160	ng	#	83
4) n-Nitrosodimethylamine	3.598	42	183121	45.395	ng		86
6) Aniline	6.628	93	486141m	33.813	ng		
8) 2-Chlorophenol	6.745	128	360473	47.592	ng		92
9) Benzaldehyde	6.516	77	389771	56.908	ng		82
10) Phenol	6.598	94	599755	49.148	ng		96
11) bis(2-Chloroethyl)ether	6.698	93	457245	46.174	ng		95
12) 1,3-Dichlorobenzene	6.904	146	382957	45.544	ng	#	92
13) 1,4-Dichlorobenzene	6.981	146	390667	46.009	ng		95
14) 1,2-Dichlorobenzene	7.133	146	374766	46.816	ng		97
15) Benzyl Alcohol	7.098	79	462577	45.222	ng		88
16) 2,2'-oxybis(1-Chloropr...	7.233	45	501290	44.371	ng		82
17) 2-Methylphenol	7.204	107	349287	46.905	ng	#	89
18) Hexachloroethane	7.475	117	161633	47.144	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	372038	44.429	ng	#	85
20) 3+4-Methylphenols	7.357	107	437915	45.354	ng	#	82
22) Acetophenone	7.375	105	596345	44.540	ng	#	90
24) Nitrobenzene	7.545	77	570957	49.827	ng	#	83
25) Isophorone	7.781	82	1003981	46.640	ng	#	92
26) 2-Nitrophenol	7.863	139	172140	57.588	ng	#	70
27) 2,4-Dimethylphenol	7.886	122	349028	49.203	ng	#	82
28) bis(2-Chloroethoxy)met...	7.992	93	582108	43.358	ng	#	97
29) 2,4-Dichlorophenol	8.098	162	306050	45.483	ng		97
30) 1,2,4-Trichlorobenzene	8.186	180	315126	43.671	ng		98
31) Naphthalene	8.269	128	1048552	44.676	ng		100
32) Benzoic acid	7.998	122	184170	45.769	ng	#	64
33) 4-Chloroaniline	8.310	127	148344	15.820	ng	#	88
34) Hexachlorobutadiene	8.380	225	202252	44.063	ng		99
35) Caprolactam	8.686	113	113836m	47.374	ng		
36) 4-Chloro-3-methylphenol	8.786	107	404499	45.969	ng	#	84
37) 2-Methylnaphthalene	8.963	142	661818	45.341	ng		96
38) 1-Methylnaphthalene	9.063	142	622767	44.019	ng		97
40) 1,2,4,5-Tetrachloroben...	9.127	216	306801	44.822	ng		98
41) Hexachlorocyclopentadiene	9.110	237	355217	85.235	ng		93
43) 2,4,6-Trichlorophenol	9.233	196	217337	44.540	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	224999	44.522	ng	#	93
46) 1,1'-Biphenyl	9.427	154	817330	44.455	ng		97
47) 2-Chloronaphthalene	9.451	162	634871	43.952	ng		97
48) 2-Nitroaniline	9.545	65	290943	58.336	ng	#	86
49) Acenaphthylene	9.874	152	1031482	45.523	ng		98
50) Dimethylphthalate	9.727	163	770770	44.531	ng		99
51) 2,6-Dinitrotoluene	9.786	165	167047	55.852	ng	#	69
52) Acenaphthene	10.045	154	632047	45.627	ng		98
53) 3-Nitroaniline	9.957	138	95079	27.804	ng	#	75
54) 2,4-Dinitrophenol	10.057	184	67303	54.483	ng	#	73
55) Dibenzofuran	10.216	168	886737	42.596	ng		94
56) 4-Nitrophenol	10.110	139	264846	97.262	ng	#	52
57) 2,4-Dinitrotoluene	10.192	165	224897	62.052	ng		84
58) Fluorene	10.557	166	703768	44.777	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	187144	45.295	ng		88
60) Diethylphthalate	10.427	149	772872	44.920	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	339733	43.280	ng		91
62) 4-Nitroaniline	10.580	138	165349	49.822	ng	#	65
63) Azobenzene	10.710	77	1106022	43.437	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	66797	35.936	ng		95
66) n-Nitrosodiphenylamine	10.669	169	616595	44.089	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	212443	44.491	ng		96
68) Hexachlorobenzene	11.104	284	233356	45.806	ng	#	92
69) Atrazine	11.192	200	211363	47.322	ng		95
70) Pentachlorophenol	11.298	266	236902	79.969	ng		99
71) Phenanthrene	11.527	178	1048049	44.278	ng		99
72) Anthracene	11.580	178	1076064	45.310	ng		99
73) Carbazole	11.727	167	953198	42.751	ng		99
74) Di-n-butylphthalate	12.057	149	1192432	44.350	ng	#	97
75) Fluoranthene	12.715	202	1033990	44.226	ng		97
77) Benzidine	12.833	184	385669	44.052	ng		98
78) Pyrene	12.951	202	1021224	49.760	ng		99
80) Butylbenzylphthalate	13.562	149	438590	49.190	ng	#	89
81) Benzo(a)anthracene	14.139	228	786955	45.622	ng		99
82) 3,3'-Dichlorobenzidine	14.098	252	130075	22.955	ng	#	97
83) Chrysene	14.174	228	734284	44.240	ng		98
84) Bis(2-ethylhexyl)phtha...	14.115	149	584203	48.380	ng		97
85) Di-n-octyl phthalate	14.739	149	846705	45.799	ng		96
87) Indeno(1,2,3-cd)pyrene	17.233	276	718268	53.572	ng	#	88
88) Benzo(b)fluoranthene	15.215	252	676095	46.983	ng	#	94
89) Benzo(k)fluoranthene	15.251	252	622358	44.048	ng	#	94
90) Benzo(a)pyrene	15.604	252	635520	54.279	ng	#	94
91) Dibenzo(a,h)anthracene	17.256	278	617071	55.556	ng	#	94
92) Benzo(g,h,i)perylene	17.709	276	623018	57.204	ng	#	87

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

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