Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
Data File : BF129703.D
Acq On : 10 Aug 2022 19:19
Operator : CG\JU
Sample : N4122-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200051MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

Quant Time: Aug 10 21:35:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 15:26:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	177624	20.000	ng		-0.01
21) Naphthalene-d8	8.122	136	709000	20.000	ng		-0.01
39) Acenaphthene-d10	9.881	164	347555	20.000	ng		-0.01
64) Phenanthrene-d10	11.369	188	493025	20.000	ng		-0.01
76) Chrysene-d12	14.016	240	286748	20.000	ng		-0.01
86) Perylene-d12	15.486	264	307265	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1221791	112.051	ng		0.00
7) Phenol-d6	6.498	99	1527708	111.467	ng		0.00
23) Nitrobenzene-d5	7.410	82	989719	76.202	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	352554	105.508	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	1511256	67.265	ng		-0.01
79) Terphenyl-d14	12.951	244	966439	63.584	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	201114	40.880	ng		87
3) Pyridine	3.463	79	551671	40.379	ng		90
4) n-Nitrosodimethylamine	3.428	42	278915	46.491	ng	#	90
6) Aniline	6.504	93	609430	35.768	ng	#	49
8) 2-Chlorophenol	6.634	128	617419	51.829	ng		97
9) Benzaldehyde	6.393	77	384701	41.333	ng		98
10) Phenol	6.510	94	712316m	48.805	ng		
11) bis(2-Chloroethyl)ether	6.575	93	584106	50.464	ng		92
12) 1,3-Dichlorobenzene	6.781	146	641267	50.192	ng		96
13) 1,4-Dichlorobenzene	6.857	146	640846	49.320	ng		100
14) 1,2-Dichlorobenzene	7.004	146	606740	50.801	ng		97
15) Benzyl Alcohol	6.993	79	524958	52.813	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	751513	43.193	ng	#	1
17) 2-Methylphenol	7.110	107	481869	48.759	ng	#	88
18) Hexachloroethane	7.345	117	247874	50.663	ng		93
19) n-Nitroso-di-n-propyla...	7.257	70	423370	51.026	ng		91
20) 3+4-Methylphenols	7.263	107	622337	49.527	ng	#	82
22) Acetophenone	7.251	105	855103	51.803	ng		96
24) Nitrobenzene	7.428	77	631153	47.191	ng		96
25) Isophorone	7.663	82	1150789	49.430	ng		99
26) 2-Nitrophenol	7.740	139	333465	50.540	ng		97
27) 2,4-Dimethylphenol	7.787	122	553887m	55.964	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	712505	52.757	ng		100
29) 2,4-Dichlorophenol	7.992	162	495179	48.474	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	506360	47.889	ng		97
31) Naphthalene	8.145	128	1721907	47.802	ng		99
32) Benzoic acid	7.940	122	237368	33.175	ng		95
33) 4-Chloroaniline	8.198	127	454974	30.765	ng		97
34) Hexachlorobutadiene	8.251	225	310466	51.655	ng		97
35) Caprolactam	8.587	113	152901m	46.039	ng		
36) 4-Chloro-3-methylphenol	8.698	107	515504	47.580	ng		97
37) 2-Methylnaphthalene	8.834	142	1112431	47.522	ng		100
38) 1-Methylnaphthalene	8.934	142	1056489	46.752	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	496519	54.407	ng		99
41) Hexachlorocyclopentadiene	8.981	237	283302	69.715	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	319446	48.194	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	317786	44.087	ng		96
46) 1,1'-Biphenyl	9.298	154	1334148	52.599	ng		100
47) 2-Chloronaphthalene	9.328	162	1022953	49.889	ng		99
48) 2-Nitroaniline	9.434	65	322545	47.306	ng		88
49) Acenaphthylene	9.745	152	1497405	48.060	ng		99
50) Dimethylphthalate	9.604	163	1223159	50.980	ng		100
51) 2,6-Dinitrotoluene	9.675	165	264876	49.325	ng		88
52) Acenaphthene	9.916	154	1041329m	51.171	ng		
53) 3-Nitroaniline	9.845	138	211766	33.395	ng	#	94
54) 2,4-Dinitrophenol	9.957	184	205104	74.817	ng		92
55) Dibenzofuran	10.086	168	1332845	47.512	ng		97
56) 4-Nitrophenol	10.034	139	249396	53.310	ng		96
57) 2,4-Dinitrotoluene	10.081	165	324622	46.274	ng		95
58) Fluorene	10.428	166	1069418	47.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	231883	41.628	ng		97
60) Diethylphthalate	10.298	149	1150406	49.600	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	499968	50.525	ng		90
62) 4-Nitroaniline	10.463	138	233112m	37.058	ng		
63) Azobenzene	10.581	77	1063905	44.973	ng		94
65) 4,6-Dinitro-2-methylph...	10.492	198	142831	45.899	ng		89
66) n-Nitrosodiphenylamine	10.539	169	913114	55.614	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	310217	57.461	ng		97
68) Hexachlorobenzene	10.975	284	324360	55.449	ng		97
69) Atrazine	11.069	200	285855	57.319	ng		95
70) Pentachlorophenol	11.181	266	176548	55.517	ng		99
71) Phenanthrene	11.392	178	1373813	51.047	ng		99
72) Anthracene	11.445	178	1339831	50.660	ng		100
73) Carbazole	11.604	167	1127865	45.302	ng		99
74) Di-n-butylphthalate	11.922	149	1561227	52.658	ng		99
75) Fluoranthene	12.586	202	1219728	44.730	ng		99
77) Benzidine	12.704	184	274315	27.079	ng		99
78) Pyrene	12.816	202	1189864	49.622	ng		98
80) Butylbenzylphthalate	13.422	149	517528	49.759	ng		95
81) Benzo(a)anthracene	14.004	228	978405	49.950	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	300863	46.521	ng	#	98
83) Chrysene	14.045	228	912699	49.440	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	701679	51.244	ng		99
85) Di-n-octyl phthalate	14.586	149	1156388	58.687	ng		95
87) Indeno(1,2,3-cd)pyrene	16.974	276	924537	44.682	ng		98
88) Benzo(b)fluoranthene	15.057	252	1122229	55.060	ng		99
89) Benzo(k)fluoranthene	15.086	252	936421	46.883	ng		99
90) Benzo(a)pyrene	15.427	252	920127	55.612	ng		98
91) Dibenzo(a,h)anthracene	16.986	278	791413	46.993	ng		99
92) Benzo(g,h,i)perylene	17.427	276	745214	43.304	ng		99

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

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