Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131646.D
Acq On : 15 Dec 2022 13:30
Operator : CG\JU
Sample : N6038-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-29-(8-10)MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 16 01:49:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 01:44:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	65629	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	243192	20.000	ng	#	0.00
39) Acenaphthene-d10	9.934	164	140747	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	276302	20.000	ng		0.00
76) Chrysene-d12	14.086	240	147921	20.000	ng		0.00
86) Perylene-d12	15.586	264	135087	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	471202	119.779	ng		0.01
7) Phenol-d6	6.516	99	617471	119.778	ng		0.00
23) Nitrobenzene-d5	7.451	82	432499	67.237	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	184812	118.186	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	742835	66.546	ng		0.00
79) Terphenyl-d14	13.022	244	846806	78.509	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	87382	49.211	ng		97
3) Pyridine	3.452	79	237157	48.106	ng		97
4) n-Nitrosodimethylamine	3.434	42	120127	44.183	ng		84
6) Aniline	6.546	93	182998	29.682	ng		99
8) 2-Chlorophenol	6.669	128	210925	50.595	ng		92
9) Benzaldehyde	6.434	77	187817	53.183	ng		98
10) Phenol	6.534	94	296084m	51.491	ng		
11) bis(2-Chloroethyl)ether	6.616	93	222649	51.654	ng		97
12) 1,3-Dichlorobenzene	6.822	146	239027	49.453	ng		98
13) 1,4-Dichlorobenzene	6.898	146	236317	48.472	ng		99
14) 1,2-Dichlorobenzene	7.051	146	229578	49.295	ng		97
15) Benzyl Alcohol	7.028	79	235332	49.794	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	274813	49.357	ng		100
17) 2-Methylphenol	7.140	107	190258	50.638	ng		97
18) Hexachloroethane	7.393	117	97023	49.333	ng		91
19) n-Nitroso-di-n-propyla...	7.298	70	181997	47.082	ng		97
20) 3+4-Methylphenols	7.293	107	244507	47.779	ng	#	78
22) Acetophenone	7.298	105	344481	45.201	ng	#	99
24) Nitrobenzene	7.469	77	283532	43.703	ng		97
25) Isophorone	7.710	82	496547	47.924	ng		100
26) 2-Nitrophenol	7.787	139	113449	51.278	ng		95
27) 2,4-Dimethylphenol	7.822	122	187293	55.231	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	276436	51.575	ng		99
29) 2,4-Dichlorophenol	8.028	162	192427	45.893	ng		95
30) 1,2,4-Trichlorobenzene	8.110	180	229358	44.604	ng		99
31) Naphthalene	8.192	128	607129	44.325	ng		100
32) Benzoic acid	7.957	122	117202	47.723	ng		98
33) 4-Chloroaniline	8.240	127	42742	8.325	ng		98
34) Hexachlorobutadiene	8.304	225	152220	42.004	ng		98
35) Caprolactam	8.622	113	54972m	50.682	ng		
36) 4-Chloro-3-methylphenol	8.734	107	221820	47.112	ng		99
37) 2-Methylnaphthalene	8.887	142	417608	44.581	ng		100
38) 1-Methylnaphthalene	8.987	142	386613	42.993	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	241632	46.377	ng		98
41) Hexachlorocyclopentadiene	9.039	237	300545	113.648	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	146137	45.347	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	158308	45.678	ng		96
46) 1,1'-Biphenyl	9.357	154	525913	47.259	ng		98
47) 2-Chloronaphthalene	9.381	162	418341	46.141	ng		99
48) 2-Nitroaniline	9.481	65	147493	45.923	ng		94
49) Acenaphthylene	9.798	152	630901	47.391	ng		99
50) Dimethylphthalate	9.663	163	496989	46.320	ng		100
51) 2,6-Dinitrotoluene	9.728	165	108827	49.131	ng	#	73
52) Acenaphthene	9.969	154	464131m	52.043	ng		
53) 3-Nitroaniline	9.892	138	39380	18.530	ng		100
54) 2,4-Dinitrophenol	10.004	184	123405	96.436	ng		99
55) Dibenzofuran	10.145	168	575543	45.674	ng		99
56) 4-Nitrophenol	10.069	139	153117	103.711	ng	#	78
57) 2,4-Dinitrotoluene	10.134	165	147221	50.104	ng		96
58) Fluorene	10.492	166	458348	44.743	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	133055m	45.337	ng		
60) Diethylphthalate	10.363	149	474595	46.094	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	255888	45.201	ng		98
62) 4-Nitroaniline	10.522	138	98571	46.805	ng		90
63) Azobenzene	10.639	77	565446	48.150	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	83456	47.689	ng		93
66) n-Nitrosodiphenylamine	10.604	169	389055	43.554	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	152362	42.865	ng		97
68) Hexachlorobenzene	11.033	284	165726	43.105	ng	#	89
69) Atrazine	11.133	200	146128	51.515	ng		97
70) Pentachlorophenol	11.233	266	180465	91.177	ng		98
71) Phenanthrene	11.457	178	675318	43.850	ng		100
72) Anthracene	11.510	178	688532	45.953	ng		100
73) Carbazole	11.669	167	581622	47.556	ng		99
74) Di-n-butylphthalate	11.992	149	719217	47.934	ng		100
75) Fluoranthene	12.651	202	720729	45.447	ng		99
77) Benzidine	12.775	184	269387	67.969	ng		99
78) Pyrene	12.880	202	723718	49.618	ng		99
80) Butylbenzylphthalate	13.498	149	263742	62.483	ng		98
81) Benzo(a)anthracene	14.074	228	498333	46.650	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	54928	18.073	ng		99
83) Chrysene	14.110	228	474399	46.713	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	340273	58.468	ng		99
85) Di-n-octyl phthalate	14.674	149	449649	47.751	ng		98
87) Indeno(1,2,3-cd)pyrene	17.115	276	505274	45.832	ng		99
88) Benzo(b)fluoranthene	15.145	252	411175	46.182	ng		100
89) Benzo(k)fluoranthene	15.174	252	414111	44.562	ng		99
90) Benzo(a)pyrene	15.521	252	375739	49.451	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	420996	46.399	ng		99
92) Benzo(g,h,i)perylene	17.580	276	407235	44.658	ng		100

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

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