Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130454.D
Acq On : 28 Sep 2022 18:37
Operator : CG\JU
Sample : N4857-01MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-092722MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:16:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.645	152	102169	20.000	ng		0.00
21) Naphthalene-d8	7.928	136	361608	20.000	ng		0.00
39) Acenaphthene-d10	9.680	164	167917	20.000	ng		0.00
64) Phenanthrene-d10	11.163	188	275698	20.000	ng		0.00
76) Chrysene-d12	13.810	240	247825	20.000	ng		0.02
86) Perylene-d12	15.198	264	168389	20.000	ng	#	0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	345025	58.573	ng		0.00
7) Phenol-d6	6.287	99	404344	54.860	ng		0.00
23) Nitrobenzene-d5	7.210	82	240404	33.965	ng		0.00
42) 2,4,6-Tribromophenol	10.469	330	90566	56.288	ng		0.00
45) 2-Fluorobiphenyl	9.004	172	426052	36.948	ng		0.00
79) Terphenyl-d14	12.745	244	472559	31.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.257	88	41030	15.167	ng		95
3) Pyridine	2.940	79	107256	15.198	ng		90
4) n-Nitrosodimethylamine	2.887	42	61218	15.950	ng		93
6) Aniline	6.304	93	130664	14.388	ng	#	60
8) 2-Chlorophenol	6.428	128	136125	20.287	ng		93
9) Benzaldehyde	6.192	77	76348	15.464	ng		88
10) Phenol	6.298	94	165706	19.185	ng		95
11) bis(2-Chloroethyl)ether	6.387	93	122431	19.652	ng		94
12) 1,3-Dichlorobenzene	6.587	146	148823m	20.157	ng		
13) 1,4-Dichlorobenzene	6.663	146	151847	20.168	ng		98
14) 1,2-Dichlorobenzene	6.816	146	140893	20.032	ng		94
15) Benzyl Alcohol	6.792	79	64991m	11.122	ng		
16) 2,2'-oxybis(1-Chloropr...	6.928	45	151316	16.653	ng		79
17) 2-Methylphenol	6.910	107	110603	20.277	ng		98
18) Hexachloroethane	7.157	117	55387	18.662	ng		93
19) n-Nitroso-di-n-propyla...	7.063	70	89686	18.033	ng		91
20) 3+4-Methylphenols	7.063	107	131710	18.588	ng		88
22) Acetophenone	7.057	105	191313	21.640	ng	#	88
24) Nitrobenzene	7.228	77	133110	18.521	ng		96
25) Isophorone	7.469	82	231165	20.263	ng		97
26) 2-Nitrophenol	7.545	139	63373	21.510	ng		90
27) 2,4-Dimethylphenol	7.592	122	106714	23.524	ng		97
28) bis(2-Chloroethoxy)met...	7.686	93	141704	22.059	ng		100
29) 2,4-Dichlorophenol	7.792	162	97986	19.711	ng		96
30) 1,2,4-Trichlorobenzene	7.869	180	108532	20.194	ng		95
31) Naphthalene	7.951	128	827137	44.399	ng		99
32) Benzoic acid	7.686	122	43863	12.503	ng		88
33) 4-Chloroaniline	8.004	127	107110	15.117	ng		96
34) Hexachlorobutadiene	8.069	225	70992	20.668	ng		97
35) Caprolactam	8.363	113	27951m	19.613	ng		
36) 4-Chloro-3-methylphenol	8.492	107	97198	17.640	ng		98
37) 2-Methylnaphthalene	8.639	142	518280	43.633	ng		99
38) 1-Methylnaphthalene	8.739	142	512678	44.930	ng		99
40) 1,2,4,5-Tetrachloroben...	8.804	216	97207	21.212	ng		97
41) Hexachlorocyclopentadiene	8.792	237	11525	4.697	ng		98
43) 2,4,6-Trichlorophenol	8.922	196	58947	18.431	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	63443	18.383	ng		97
46) 1,1'-Biphenyl	9.104	154	301788	24.065	ng		98
47) 2-Chloronaphthalene	9.128	162	199212	19.637	ng		96
48) 2-Nitroaniline	9.228	65	58403	17.261	ng		93
49) Acenaphthylene	9.539	152	489681	32.194	ng		97
50) Dimethylphthalate	9.404	163	235270	20.284	ng		100
51) 2,6-Dinitrotoluene	9.469	165	47864	19.731	ng		93
52) Acenaphthene	9.716	154	503085m	50.340	ng		
53) 3-Nitroaniline	9.639	138	46320	17.136	ng		87
54) 2,4-Dinitrophenol	9.757	184	10209	13.406	ng		92
55) Dibenzofuran	9.886	168	513219	36.921	ng		95
56) 4-Nitrophenol	9.816	139	62424	31.707	ng	#	82
57) 2,4-Dinitrotoluene	9.875	165	66221	21.360	ng		90
58) Fluorene	10.227	166	714762	62.874	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	44855	16.605	ng	#	68
60) Diethylphthalate	10.104	149	224877	19.333	ng		100
61) 4-Chlorophenyl-phenyle...	10.222	204	98812	19.814	ng		95
62) 4-Nitroaniline	10.245	138	56096	20.659	ng		92
63) Azobenzene	10.380	77	196920	16.441	ng	#	68
65) 4,6-Dinitro-2-methylph...	10.286	198	8464	5.515	ng	#	73
66) n-Nitrosodiphenylamine	10.339	169	210479	22.846	ng		95
67) 4-Bromophenyl-phenylether	10.710	248	62276	20.476	ng		93
68) Hexachlorobenzene	10.775	284	69321	20.107	ng		99
69) Atrazine	10.875	200	59294	22.023	ng		96
70) Pentachlorophenol	10.975	266	63771	34.465	ng		98
71) Phenanthrene	11.198	178	3288069	212.424	ng		97
72) Anthracene	11.245	178	1324876	88.695	ng		100
73) Carbazole	11.398	167	443677	32.912	ng		99
74) Di-n-butylphthalate	11.733	149	344896	21.216	ng	#	98
75) Fluoranthene	12.392	202	4648926	310.816	ng		98
77) Benzidine	12.510	184	123656	17.188	ng		98
78) Pyrene	12.621	202	4422393	203.986	ng		97
80) Butylbenzylphthalate	13.227	149	160781	20.019	ng		93
81) Benzo(a)anthracene	13.804	228	2453146	148.797	ng		97
82) 3,3'-Dichlorobenzidine	13.768	252	105864	23.589	ng		97
83) Chrysene	13.839	228	2033287m	129.889	ng		
84) Bis(2-ethylhexyl)phtha...	13.786	149	282746	30.735	ng	#	99
85) Di-n-octyl phthalate	14.398	149	357988	25.442	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.539	276	864024	72.357	ng	#	93
88) Benzo(b)fluoranthene	14.815	252	2097062m	190.804	ng		
89) Benzo(k)fluoranthene	14.839	252	665442m	61.550	ng		
90) Benzo(a)pyrene	15.157	252	1426465	163.825	ng		96
91) Dibenzo(a,h)anthracene	16.545	278	331070	33.797	ng		97
92) Benzo(g,h,i)perylene	16.945	276	761263	77.145	ng		97

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

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