Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130052.D
Acq On : 31 Aug 2022 15:04
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 31 16:00:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 15:58:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	263225	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	1018673	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	524966	20.000	ng		0.00
64) Phenanthrene-d10	11.222	188	880411	20.000	ng		0.00
76) Chrysene-d12	13.851	240	567321	20.000	ng	#	0.00
86) Perylene-d12	15.251	264	479153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	676536	42.554	ng		0.00
7) Phenol-d6	6.334	99	835594	41.971	ng		-0.01
23) Nitrobenzene-d5	7.269	82	678809	35.672	ng		-0.01
42) 2,4,6-Tribromophenol	10.522	330	198783	37.728	ng		-0.01
45) 2-Fluorobiphenyl	9.063	172	1397102	40.420	ng		0.00
79) Terphenyl-d14	12.804	244	1350423	39.608	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.381	88	152862	23.306	ng		96
3) Pyridine	3.087	79	406220	23.666	ng		94
4) n-Nitrosodimethylamine	3.028	42	161776	20.451	ng		87
6) Aniline	6.369	93	523598	23.075	ng	#	49
8) 2-Chlorophenol	6.487	128	374981	21.187	ng		99
9) Benzaldehyde	6.251	77	260129	22.132	ng		98
10) Phenol	6.345	94	478689	21.920	ng	#	59
11) bis(2-Chloroethyl)ether	6.445	93	364213	21.962	ng		98
12) 1,3-Dichlorobenzene	6.645	146	415847	21.764	ng		97
13) 1,4-Dichlorobenzene	6.722	146	416890	21.354	ng		97
14) 1,2-Dichlorobenzene	6.875	146	387611	21.377	ng		98
15) Benzyl Alcohol	6.851	79	291911	19.422	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.986	45	494673	22.261	ng	#	50
17) 2-Methylphenol	6.957	107	308216	21.689	ng	#	85
18) Hexachloroethane	7.216	117	149110	20.339	ng		97
19) n-Nitroso-di-n-propyla...	7.122	70	248790	19.770	ng		95
20) 3+4-Methylphenols	7.110	107	375044	19.661	ng	#	83
22) Acetophenone	7.116	105	489396	19.715	ng	#	95
24) Nitrobenzene	7.286	77	362380	18.885	ng		96
25) Isophorone	7.534	82	660194	20.157	ng		97
26) 2-Nitrophenol	7.604	139	140648	14.902	ng		96
27) 2,4-Dimethylphenol	7.639	122	283543	20.948	ng		97
28) bis(2-Chloroethoxy)met...	7.745	93	404312	21.142	ng		99
29) 2,4-Dichlorophenol	7.839	162	306346	20.698	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	322690	20.666	ng		99
31) Naphthalene	8.010	128	1117098	20.973	ng		99
32) Benzoic acid	7.745	122	164509	28.612	ng		98
33) 4-Chloroaniline	8.063	127	449418	21.457	ng		96
34) Hexachlorobutadiene	8.128	225	187627	19.734	ng		100
35) Caprolactam	8.428	113	92128m	20.016	ng		
36) 4-Chloro-3-methylphenol	8.533	107	306462	19.193	ng		97
37) 2-Methylnaphthalene	8.698	142	719516	20.582	ng		99
38) 1-Methylnaphthalene	8.798	142	702729	20.684	ng		97
40) 1,2,4,5-Tetrachloroben...	8.863	216	295004	20.204	ng		99
41) Hexachlorocyclopentadiene	8.851	237	150985	48.981	ng		96
43) 2,4,6-Trichlorophenol	8.975	196	214996	22.663	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.010	196	228186	22.357	ng		95
46)	1,1'-Biphenyl	9.163	154	843607	21.153	ng		98
47)	2-Chloronaphthalene	9.186	162	668724	21.192	ng		99
48)	2-Nitroaniline	9.280	65	161169	16.162	ng		98
49)	Acenaphthylene	9.598	152	1029282	21.510	ng		99
50)	Dimethylphthalate	9.469	163	762909	20.272	ng		99
51)	2,6-Dinitrotoluene	9.527	165	151565	18.566	ng		94
52)	Acenaphthene	9.775	154	629380	21.679	ng		100
53)	3-Nitroaniline	9.692	138	171081	18.950	ng	#	96
54)	2,4-Dinitrophenol	9.792	184	41403	13.363	ng		95
55)	Dibenzofuran	9.945	168	922038	21.140	ng		98
56)	4-Nitrophenol	9.845	139	131574	32.760	ng		88
57)	2,4-Dinitrotoluene	9.927	165	179457	16.934	ng	#	79
58)	Fluorene	10.286	166	703449	19.316	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.057	232	175100	23.377	ng	#	77
60)	Diethylphthalate	10.169	149	757139	20.177	ng		100
61)	4-Chlorophenyl-phenyle...	10.280	204	305631	18.701	ng		96
62)	4-Nitroaniline	10.304	138	164139	18.022	ng		97
63)	Azobenzene	10.439	77	747849	20.850	ng		97
65)	4,6-Dinitro-2-methylph...	10.327	198	65483	12.670	ng		96
66)	n-Nitrosodiphenylamine	10.398	169	631289	21.244	ng		99
67)	4-Bromophenyl-phenylether	10.769	248	206324	20.008	ng		99
68)	Hexachlorobenzene	10.827	284	224348	20.084	ng		96
69)	Atrazine	10.927	200	178878	19.613	ng		98
70)	Pentachlorophenol	11.022	266	126790	44.523	ng		96
71)	Phenanthrene	11.245	178	1041567	21.183	ng		100
72)	Anthracene	11.298	178	1017094	20.800	ng		99
73)	Carbazole	11.451	167	941484	21.211	ng		99
74)	Di-n-butylphthalate	11.792	149	1174105	20.552	ng		99
75)	Fluoranthene	12.427	202	1036153	20.593	ng		97
77)	Benzidine	12.557	184	343358	22.866	ng		99
78)	Pyrene	12.657	202	1051044	21.319	ng		99
80)	Butylbenzylphthalate	13.286	149	426388	20.439	ng		100
81)	Benzo(a)anthracene	13.839	228	824563	21.128	ng		99
82)	3,3'-Dichlorobenzidine	13.810	252	269495	22.297	ng		99
83)	Chrysene	13.874	228	816810	22.359	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.845	149	556521	22.486	ng		99
85)	Di-n-octyl phthalate	14.457	149	871736	25.515	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.598	276	639573	19.443	ng	#	94
88)	Benzo(b)fluoranthene	14.851	252	711481	21.685	ng	#	97
89)	Benzo(k)fluoranthene	14.880	252	636309	20.223	ng	#	96
90)	Benzo(a)pyrene	15.192	252	534376	20.682	ng	#	96
91)	Dibenzo(a,h)anthracene	16.621	278	525758	19.371	ng	#	97
92)	Benzo(g,h,i)perylene	17.003	276	511852	18.903	ng	#	90

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

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