Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
Data File : BF130166.D
Acq On : 07 Sep 2022 17:20
Operator : CG\JU
Sample : N4490-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

Quant Time: Sep 08 02:51:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	190006	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	736891	20.000	ng		0.00
39) Acenaphthene-d10	9.728	164	326229	20.000	ng		0.00
64) Phenanthrene-d10	11.204	188	448584	20.000	ng	#	0.00
76) Chrysene-d12	13.839	240	325971	20.000	ng		0.00
86) Perylene-d12	15.233	264	431659	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	1470938	131.424	ng		0.02
7) Phenol-d6	6.340	99	1701768	121.960	ng		0.00
23) Nitrobenzene-d5	7.269	82	1154683	100.703	ng		0.00
42) 2,4,6-Tribromophenol	10.516	330	410382	138.195	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	1946285	98.914	ng		0.00
79) Terphenyl-d14	12.792	244	1547552	82.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	227008	43.400	ng		95
3) Pyridine	3.181	79	546753	38.982	ng		92
4) n-Nitrosodimethylamine	3.116	42	267196	48.441	ng		86
6) Aniline	6.363	93	560187	32.022	ng	#	51
8) 2-Chlorophenol	6.481	128	636427	51.807	ng		100
9) Benzaldehyde	6.251	77	189013	22.131	ng		93
10) Phenol	6.351	94	669708	42.462	ng	#	64
11) bis(2-Chloroethyl)ether	6.445	93	601365	50.182	ng		95
12) 1,3-Dichlorobenzene	6.640	146	597508	43.876	ng		97
13) 1,4-Dichlorobenzene	6.716	146	609692	44.447	ng		98
14) 1,2-Dichlorobenzene	6.869	146	583350	46.782	ng		98
15) Benzyl Alcohol	6.845	79	329107	34.992	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.981	45	736981	45.251	ng	#	57
17) 2-Methylphenol	6.957	107	560690	54.250	ng	#	88
18) Hexachloroethane	7.210	117	225314	45.487	ng		94
19) n-Nitroso-di-n-propyla...	7.122	70	383330	45.601	ng		92
20) 3+4-Methylphenols	7.110	107	545366	44.997	ng	#	63
22) Acetophenone	7.116	105	806421	48.983	ng	#	98
24) Nitrobenzene	7.287	77	614621	50.402	ng		96
25) Isophorone	7.522	82	1070883	46.143	ng		99
26) 2-Nitrophenol	7.598	139	317811	54.934	ng		94
27) 2,4-Dimethylphenol	7.640	122	524223	53.833	ng		98
28) bis(2-Chloroethoxy)met...	7.739	93	712500	51.109	ng		98
29) 2,4-Dichlorophenol	7.840	162	480944	46.172	ng		99
30) 1,2,4-Trichlorobenzene	7.922	180	480357	43.737	ng		99
31) Naphthalene	8.004	128	1649516	44.383	ng		99
32) Benzoic acid	7.704	122	51259m	12.136	ng		
33) 4-Chloroaniline	8.051	127	247060	16.454	ng		96
34) Hexachlorobutadiene	8.116	225	276523	43.962	ng		99
35) Caprolactam	8.416	113	106151	32.886	ng		90
36) 4-Chloro-3-methylphenol	8.539	107	459316	43.577	ng		92
37) 2-Methylnaphthalene	8.692	142	1070217	44.703	ng		99
38) 1-Methylnaphthalene	8.792	142	1019068	43.793	ng		99
40) 1,2,4,5-Tetrachloroben...	8.857	216	456129	53.619	ng		98
41) Hexachlorocyclopentadiene	8.845	237	488874	109.965	ng		98
43) 2,4,6-Trichlorophenol	8.969	196	298849	49.217	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	311084	47.267	ng		95
46) 1,1'-Biphenyl	9.157	154	1240390	52.336	ng		100
47) 2-Chloronaphthalene	9.181	162	979273	51.568	ng		99
48) 2-Nitroaniline	9.275	65	265076	56.645	ng		92
49) Acenaphthylene	9.592	152	1435115	49.767	ng		99
50) Dimethylphthalate	9.463	163	1006217	45.284	ng		99
51) 2,6-Dinitrotoluene	9.522	165	230212	53.139	ng	#	83
52) Acenaphthene	9.763	154	885261	48.711	ng		99
53) 3-Nitroaniline	9.686	138	160368	32.251	ng		92
54) 2,4-Dinitrophenol	9.786	184	36024	24.555	ng		90
55) Dibenzofuran	9.933	168	1265617	48.634	ng		99
56) 4-Nitrophenol	9.845	139	300527	78.392	ng		92
57) 2,4-Dinitrotoluene	9.916	165	278354	55.807	ng	#	88
58) Fluorene	10.275	166	918986	46.411	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.051	232	225104	44.036	ng	#	80
60) Diethylphthalate	10.157	149	891537	41.474	ng		99
61) 4-Chlorophenyl-phenyle...	10.269	204	414833	47.393	ng		97
62) 4-Nitroaniline	10.298	138	217082	44.889	ng		93
63) Azobenzene	10.428	77	920053	43.470	ng		97
65) 4,6-Dinitro-2-methylph...	10.322	198	41624	23.293	ng		86
66) n-Nitrosodiphenylamine	10.392	169	803971	53.613	ng		97
67) 4-Bromophenyl-phenylether	10.757	248	266082	53.327	ng		99
68) Hexachlorobenzene	10.816	284	296636	54.561	ng		96
69) Atrazine	10.916	200	222456	52.437	ng		98
70) Pentachlorophenol	11.010	266	221527	72.866	ng		97
71) Phenanthrene	11.233	178	1209710	49.726	ng		100
72) Anthracene	11.286	178	1224540	51.204	ng		99
73) Carbazole	11.439	167	1093636	49.591	ng		100
74) Di-n-butylphthalate	11.780	149	1207974	45.425	ng		98
75) Fluoranthene	12.416	202	1146829	47.539	ng		99
77) Benzidine	12.545	184	504026	57.270	ng		99
78) Pyrene	12.645	202	1174196	40.160	ng		99
80) Butylbenzylphthalate	13.269	149	522670	44.944	ng		96
81) Benzo(a)anthracene	13.827	228	1102973	49.374	ng		100
82) 3,3'-Dichlorobenzidine	13.798	252	298933	42.911	ng		97
83) Chrysene	13.863	228	1114734	50.614	ng		99
84) Bis(2-ethylhexyl)phtha...	13.833	149	682751	47.232	ng		99
85) Di-n-octyl phthalate	14.445	149	1398011	61.225	ng		97
87) Indeno(1,2,3-cd)pyrene	16.586	276	1582058	55.561	ng		97
88) Benzo(b)fluoranthene	14.845	252	1414436	49.136	ng		100
89) Benzo(k)fluoranthene	14.874	252	1284160	46.126	ng		99
90) Benzo(a)pyrene	15.180	252	1237052	54.082	ng		98
91) Dibenzo(a,h)anthracene	16.604	278	1375163	59.021	ng		96
92) Benzo(g,h,i)perylene	16.998	276	1378219	59.122	ng		96

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

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