Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130565.D
Acq On : 06 Oct 2022 23:11
Operator : CG\JU
Sample : N5020-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 07 02:13:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-5-100522MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

10/07/2022
Supervised By :Jagrut Upadhyay

10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.616	152	71946	20.000	ng		0.00
21) Naphthalene-d8	7.904	136	245259	20.000	ng	#	0.00
39) Acenaphthene-d10	9.651	164	115283	20.000	ng		0.00
64) Phenanthrene-d10	11.133	188	216947	20.000	ng		0.00
76) Chrysene-d12	13.774	240	184824	20.000	ng		0.01
86) Perylene-d12	15.157	264	128863	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	556555	134.174	ng		0.02
7) Phenol-d6	6.275	99	646711	124.604	ng		0.00
23) Nitrobenzene-d5	7.187	82	393165	81.898	ng		0.00
42) 2,4,6-Tribromophenol	10.439	330	163091	147.643	ng		0.00
45) 2-Fluorobiphenyl	8.981	172	634146	80.102	ng		0.00
79) Terphenyl-d14	12.716	244	799859	71.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.258	88	89792	47.134	ng		98
3) Pyridine	2.922	79	214747	43.213	ng		92
4) n-Nitrosodimethylamine	2.887	42	121622	44.998	ng		95
6) Aniline	6.316	93	50332	7.871	ng	#	75
8) 2-Chlorophenol	6.410	128	226141	47.859	ng		96
9) Benzaldehyde	6.169	77	123520	35.529	ng		90
10) Phenol	6.287	94	268052	44.071	ng		96
11) bis(2-Chloroethyl)ether	6.363	93	333615	76.045	ng		82
12) 1,3-Dichlorobenzene	6.557	146	254986	49.043	ng		98
13) 1,4-Dichlorobenzene	6.634	146	259008	48.851	ng		98
14) 1,2-Dichlorobenzene	6.787	146	239700	48.396	ng		98
15) Benzyl Alcohol	6.775	79	181058	43.999	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.904	45	268369	41.942	ng		53
17) 2-Methylphenol	6.893	107	178104	46.368	ng		93
18) Hexachloroethane	7.128	117	95108	45.508	ng		96
19) n-Nitroso-di-n-propyla...	7.040	70	154074	43.994	ng		95
20) 3+4-Methylphenols	7.051	107	220572	44.205	ng	#	50
22) Acetophenone	7.034	105	319868	53.345	ng	#	87
24) Nitrobenzene	7.210	77	228448	46.865	ng		93
25) Isophorone	7.445	82	395628	51.131	ng		99
26) 2-Nitrophenol	7.522	139	108963	54.529	ng		92
27) 2,4-Dimethylphenol	7.575	122	177815	57.793	ng		94
28) bis(2-Chloroethoxy)met...	7.663	93	236963	54.388	ng		100
29) 2,4-Dichlorophenol	7.775	162	163561	48.511	ng		96
30) 1,2,4-Trichlorobenzene	7.845	180	176499	48.419	ng		95
31) Naphthalene	7.922	128	594718	47.067	ng		100
32) Benzoic acid	7.704	122	92481	38.868	ng		93
33) 4-Chloroaniline	7.992	127	136101	28.321	ng		98
34) Hexachlorobutadiene	8.039	225	115247	49.469	ng		98
35) Caprolactam	8.345	113	52165m	53.968	ng		
36) 4-Chloro-3-methylphenol	8.475	107	167406	44.794	ng		99
37) 2-Methylnaphthalene	8.616	142	361084	44.820	ng		97
38) 1-Methylnaphthalene	8.710	142	341021	44.064	ng		99
40) 1,2,4,5-Tetrachloroben...	8.781	216	162379	51.612	ng		98
41) Hexachlorocyclopentadiene	8.763	237	58279	34.599	ng		100
43) 2,4,6-Trichlorophenol	8.898	196	106013	48.282	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.945	196	116690	49.248	ng		99
46) 1,1'-Biphenyl	9.075	154	428596	49.780	ng		99
47) 2-Chloronaphthalene	9.098	162	334657	48.050	ng		98
48) 2-Nitroaniline	9.204	65	106278	45.751	ng		96
49) Acenaphthylene	9.510	152	502161	48.087	ng		99
50) Dimethylphthalate	9.386	163	387913	48.713	ng		99
51) 2,6-Dinitrotoluene	9.445	165	86718	52.070	ng		89
52) Acenaphthene	9.686	154	320079m	46.651	ng		
53) 3-Nitroaniline	9.616	138	84334	45.445	ng		97
54) 2,4-Dinitrophenol	9.728	184	27379	34.191	ng		93
55) Dibenzofuran	9.857	168	458500	48.044	ng		98
56) 4-Nitrophenol	9.798	139	145707	107.800	ng	#	84
57) 2,4-Dinitrotoluene	9.851	165	114175	53.643	ng		95
58) Fluorene	10.198	166	376236	48.206	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.981	232	91516	49.346	ng		94
60) Diethylphthalate	10.081	149	383694	48.048	ng		100
61) 4-Chlorophenyl-phenyle...	10.192	204	169722	49.571	ng		98
62) 4-Nitroaniline	10.228	138	83781m	44.941	ng		
63) Azobenzene	10.351	77	367175	44.653	ng		97
65) 4,6-Dinitro-2-methylph...	10.257	198	22123	18.319	ng		95
66) n-Nitrosodiphenylamine	10.316	169	320717	44.239	ng		100
67) 4-Bromophenyl-phenylether	10.681	248	112545	47.026	ng		97
68) Hexachlorobenzene	10.745	284	130878	48.242	ng		96
69) Atrazine	10.845	200	105837	49.955	ng		96
70) Pentachlorophenol	10.945	266	134865	92.627	ng		99
71) Phenanthrene	11.157	178	598185	49.111	ng		100
72) Anthracene	11.210	178	592827	50.435	ng		100
73) Carbazole	11.369	167	567752	53.521	ng		98
74) Di-n-butylphthalate	11.704	149	739052	57.774	ng		99
75) Fluoranthene	12.339	202	705012	59.900	ng		99
77) Benzidine	12.486	184	339781	63.330	ng		98
78) Pyrene	12.569	202	714572	44.195	ng		99
80) Butylbenzylphthalate	13.263	149	10399913	1736.277	ng	#	90
81) Benzo(a)anthracene	13.769	228	601201	48.896	ng		99
82) 3,3'-Dichlorobenzidine	13.733	252	202262	60.432	ng		99
83) Chrysene	13.804	228	547280	46.878	ng		99
84) Bis(2-ethylhexyl)phtha...	13.757	149	448925	65.432	ng		99
85) Di-n-octyl phthalate	14.374	149	1234649	117.655	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.468	276	384762	42.105	ng		98
88) Benzo(b)fluoranthene	14.774	252	468660	55.721	ng		99
89) Benzo(k)fluoranthene	14.798	252	400098	48.358	ng		99
90) Benzo(a)pyrene	15.104	252	352976	52.972	ng		98
91) Dibenzo(a,h)anthracene	16.480	278	332861	44.402	ng		98
92) Benzo(g,h,i)perylene	16.862	276	323759	42.873	ng		99

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

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