Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
Data File : BF126586.D
Acq On : 11 Jan 2022 12:25
Operator : JU/CG
Sample : PB141938BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 11 14:08:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141938BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2022
Supervised By :Jagrut Upadhyay 01/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	83382	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	356805	20.000	ng	#	0.00
39) Acenaphthene-d10	9.810	164	170590	20.000	ng		0.00
64) Phenanthrene-d10	11.298	188	289009	20.000	ng		0.00
76) Chrysene-d12	13.951	240	179703	20.000	ng	#	0.00
86) Perylene-d12	15.404	264	147884	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	661299	113.893	ng		0.01
7) Phenol-d6	6.416	99	836754	111.265	ng		0.00
23) Nitrobenzene-d5	7.340	82	548754	78.969	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	200328	151.968	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	808288	83.379	ng		0.00
79) Terphenyl-d14	12.892	244	818009	88.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	94889	32.589	ng		99
3) Pyridine	3.263	79	213899	27.234	ng		94
4) n-Nitrosodimethylamine	3.210	42	123144	38.136	ng		94
6) Aniline	6.434	93	229757	24.569	ng		96
8) 2-Chlorophenol	6.557	128	272193	47.008	ng		93
9) Benzaldehyde	6.316	77	169074	36.317	ng		94
10) Phenol	6.428	94	330662	39.400	ng		84
11) bis(2-Chloroethyl)ether	6.510	93	272790	42.569	ng		96
12) 1,3-Dichlorobenzene	6.710	146	257166	44.444	ng		97
13) 1,4-Dichlorobenzene	6.787	146	264624	45.816	ng		99
14) 1,2-Dichlorobenzene	6.940	146	257337	45.727	ng		98
15) Benzyl Alcohol	6.916	79	233300	44.339	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.051	45	430464	42.771	ng		100
17) 2-Methylphenol	7.034	107	216456	42.497	ng		99
18) Hexachloroethane	7.281	117	104069	45.224	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	179746	41.885	ng		96
20) 3+4-Methylphenols	7.187	107	249580	41.158	ng		97
22) Acetophenone	7.181	105	361138	43.781	ng	#	98
24) Nitrobenzene	7.357	77	282497	40.625	ng		93
25) Isophorone	7.598	82	509119	40.927	ng		97
26) 2-Nitrophenol	7.675	139	141282	45.832	ng		94
27) 2,4-Dimethylphenol	7.716	122	235349	48.826	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	332639	40.933	ng		99
29) 2,4-Dichlorophenol	7.916	162	200739	45.610	ng		97
30) 1,2,4-Trichlorobenzene	7.998	180	207420	45.219	ng		99
31) Naphthalene	8.075	128	753155	44.721	ng		99
32) Benzoic acid	7.857	122	151783	44.084	ng		94
33) 4-Chloroaniline	8.128	127	86398	12.246	ng	#	94
34) Hexachlorobutadiene	8.198	225	107006	47.996	ng		97
35) Caprolactam	8.504	113	76150m	68.012	ng		
36) 4-Chloro-3-methylphenol	8.622	107	237482	44.213	ng		97
37) 2-Methylnaphthalene	8.769	142	485537	48.872	ng		100
38) 1-Methylnaphthalene	8.869	142	450169	46.867	ng		97
40) 1,2,4,5-Tetrachloroben...	8.939	216	173883	46.908	ng		99
41) Hexachlorocyclopentadiene	8.928	237	175747	116.448	ng		100
43) 2,4,6-Trichlorophenol	9.051	196	122418	44.655	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.092	196	130816	44.332	ng		100
46)	1,1'-Biphenyl	9.234	154	569804	45.541	ng		99
47)	2-Chloronaphthalene	9.257	162	413129	43.594	ng		97
48)	2-Nitroaniline	9.357	65	148101	38.701	ng		90
49)	Acenaphthylene	9.675	152	645883	44.937	ng		100
50)	Dimethylphthalate	9.539	163	482203	45.279	ng		99
51)	2,6-Dinitrotoluene	9.604	165	109615	47.661	ng		87
52)	Acenaphthene	9.845	154	461729m	49.001	ng		
53)	3-Nitroaniline	9.769	138	60374	19.146	ng		82
54)	2,4-Dinitrophenol	9.881	184	101033	85.209	ng		92
55)	Dibenzofuran	10.022	168	559845	43.949	ng		98
56)	4-Nitrophenol	9.945	139	182341	81.305	ng		95
57)	2,4-Dinitrotoluene	10.010	165	142010	47.859	ng		91
58)	Fluorene	10.363	166	421530	46.802	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.139	232	103972	49.091	ng		91
60)	Diethylphthalate	10.239	149	468916	45.687	ng		99
61)	4-Chlorophenyl-phenyle...	10.357	204	183197	46.610	ng		94
62)	4-Nitroaniline	10.386	138	122791	41.345	ng		96
63)	Azobenzene	10.516	77	526064	39.792	ng		99
65)	4,6-Dinitro-2-methylph...	10.416	198	70685	45.164	ng		89
66)	n-Nitrosodiphenylamine	10.475	169	389322	43.419	ng		98
67)	4-Bromophenyl-phenylether	10.845	248	121431	47.337	ng		97
68)	Hexachlorobenzene	10.916	284	147163	49.319	ng	#	91
69)	Atrazine	11.010	200	120867	78.283	ng		96
70)	Pentachlorophenol	11.110	266	143951	99.259	ng		98
71)	Phenanthrene	11.328	178	660833	44.725	ng		99
72)	Anthracene	11.380	178	671756	45.436	ng		100
73)	Carbazole	11.533	167	623367	43.058	ng		99
74)	Di-n-butylphthalate	11.869	149	736683	44.695	ng		99
75)	Fluoranthene	12.516	202	655776	48.628	ng		97
77)	Benzidine	12.633	184	188111	64.467	ng		99
78)	Pyrene	12.745	202	664037	43.725	ng		99
80)	Butylbenzylphthalate	13.369	149	300542	44.661	ng		89
81)	Benzo(a)anthracene	13.939	228	448484	43.397	ng		99
82)	3,3'-Dichlorobenzidine	13.898	252	97541	20.231	ng		95
83)	Chrysene	13.974	228	473761	44.692	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.933	149	342184	49.065	ng		99
85)	Di-n-octyl phthalate	14.557	149	589747	48.760	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.827	276	441670	44.626	ng		93
88)	Benzo(b)fluoranthene	14.986	252	451758	51.280	ng	#	96
89)	Benzo(k)fluoranthene	15.021	252	384528m	45.058	ng		
90)	Benzo(a)pyrene	15.345	252	408542	55.307	ng	#	96
91)	Dibenzo(a,h)anthracene	16.845	278	363456	45.511	ng		97
92)	Benzo(g,h,i)perylene	17.257	276	385836	45.371	ng	#	93

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

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