Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
Data File : BF127739.D
Acq On : 11 Apr 2022 15:28
Operator : CG\JU
Sample : N2335-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A350-CUMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 04:55:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	140682	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	508719	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	300526	20.000	ng		0.00
64) Phenanthrene-d10	11.510	188	567839	20.000	ng	#	0.00
76) Chrysene-d12	14.157	240	369979	20.000	ng		0.00
86) Perylene-d12	15.680	264	301073	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1020343	117.852	ng		0.03
7) Phenol-d6	6.598	99	1258901	111.148	ng		0.02
23) Nitrobenzene-d5	7.534	82	1026488	89.956	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	473542	148.072	ng		0.00
45) 2-Fluorobiphenyl	9.334	172	1771032	83.368	ng		0.00
79) Terphenyl-d14	13.098	244	2213155	98.736	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.093	88	168154	40.947	ng	#	69
3) Pyridine	3.752	79	371966	34.390	ng		84
4) n-Nitrosodimethylamine	3.710	42	249209	42.843	ng		95
6) Aniline	6.634	93	208554	15.439	ng		92
8) 2-Chlorophenol	6.751	128	436363	49.685	ng		97
9) Benzaldehyde	6.522	77	243292	43.341	ng		98
10) Phenol	6.610	94	480683m	42.443	ng		
11) bis(2-Chloroethyl)ether	6.704	93	455020	48.650	ng		91
12) 1,3-Dichlorobenzene	6.910	146	480750	47.906	ng		98
13) 1,4-Dichlorobenzene	6.987	146	481654	47.480	ng		99
14) 1,2-Dichlorobenzene	7.140	146	466077	48.066	ng		99
15) Benzyl Alcohol	7.110	79	429534	43.379	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.240	45	647016	43.825	ng		95
17) 2-Methylphenol	7.216	107	358848	46.972	ng		99
18) Hexachloroethane	7.481	117	184506	47.665	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	339565	46.353	ng		96
20) 3+4-Methylphenols	7.369	107	430949	44.267	ng	#	74
22) Acetophenone	7.381	105	616739	45.116	ng	#	84
24) Nitrobenzene	7.551	77	537123	48.558	ng		98
25) Isophorone	7.792	82	990291	49.735	ng		98
26) 2-Nitrophenol	7.869	139	217332	54.671	ng		89
27) 2,4-Dimethylphenol	7.898	122	402912	51.768	ng		91
28) bis(2-Chloroethoxy)met...	7.998	93	566184	46.115	ng		99
29) 2,4-Dichlorophenol	8.104	162	400967	47.824	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	451845	46.827	ng		96
31) Naphthalene	8.275	128	1259977	47.266	ng		99
32) Benzoic acid	8.022	122	243160	43.063	ng		96
33) 4-Chloroaniline	8.316	127	75896	7.229	ng		94
34) Hexachlorobutadiene	8.387	225	308818	46.525	ng		98
35) Caprolactam	8.704	113	111180m	44.867	ng		
36) 4-Chloro-3-methylphenol	8.804	107	427252	48.606	ng		99
37) 2-Methylnaphthalene	8.969	142	847392	47.529	ng		100
38) 1-Methylnaphthalene	9.069	142	814655	47.340	ng		99
40) 1,2,4,5-Tetrachloroben...	9.134	216	460246	46.692	ng	#	98
41) Hexachlorocyclopentadiene	9.116	237	549807	92.597	ng		97
43) 2,4,6-Trichlorophenol	9.245	196	311325	46.522	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.286	196	322882	47.815	ng		93
46)	1,1'-Biphenyl	9.434	154	1066502	46.403	ng		98
47)	2-Chloronaphthalene	9.457	162	847832	46.419	ng		98
48)	2-Nitroaniline	9.557	65	288981	50.943	ng		91
49)	Acenaphthylene	9.881	152	1361913	49.022	ng		100
50)	Dimethylphthalate	9.739	163	1053471	48.360	ng		99
51)	2,6-Dinitrotoluene	9.798	165	225342	54.879	ng		94
52)	Acenaphthene	10.051	154	895557	51.166	ng		97
53)	3-Nitroaniline	9.963	138	89025	20.523	ng		97
54)	2,4-Dinitrophenol	10.075	184	206596	100.087	ng		97
55)	Dibenzofuran	10.222	168	1181054	46.241	ng		95
56)	4-Nitrophenol	10.128	139	310156	91.029	ng		88
57)	2,4-Dinitrotoluene	10.204	165	305188	59.949	ng	#	85
58)	Fluorene	10.569	166	899556	47.667	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.333	232	287706	48.895	ng		100
60)	Diethylphthalate	10.433	149	978355	46.934	ng		98
61)	4-Chlorophenyl-phenyle...	10.557	204	487900	47.053	ng		99
62)	4-Nitroaniline	10.592	138	208582	51.055	ng		92
63)	Azobenzene	10.716	77	1027265	44.102	ng		96
65)	4,6-Dinitro-2-methylph...	10.610	198	140638	51.278	ng		92
66)	n-Nitrosodiphenylamine	10.675	169	808481	45.207	ng		98
67)	4-Bromophenyl-phenylether	11.051	248	326429	47.367	ng		98
68)	Hexachlorobenzene	11.110	284	377274	50.080	ng		97
69)	Atrazine	11.204	200	315189	53.045	ng		97
70)	Pentachlorophenol	11.310	266	409060	90.915	ng		99
71)	Phenanthrene	11.533	178	1377220	45.776	ng		99
72)	Anthracene	11.586	178	1412195	47.452	ng		99
73)	Carbazole	11.739	167	1250045	44.827	ng		98
74)	Di-n-butylphthalate	12.063	149	1536632	46.096	ng		99
75)	Fluoranthene	12.727	202	1559333	47.496	ng		100
77)	Benzidine	12.845	184	156459	16.202	ng		100
78)	Pyrene	12.957	202	1572601	50.336	ng		99
80)	Butylbenzylphthalate	13.569	149	622854	53.544	ng		97
81)	Benzo(a)anthracene	14.151	228	1214840	49.163	ng		100
82)	3,3'-Dichlorobenzidine	14.110	252	152602	19.809	ng	#	99
83)	Chrysene	14.186	228	1122241	47.312	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.127	149	867894	52.931	ng		98
85)	Di-n-octyl phthalate	14.751	149	1285306	53.611	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	17.257	276	1022218	54.342	ng		98
88)	Benzo(b)fluoranthene	15.233	252	986102	50.914	ng		98
89)	Benzo(k)fluoranthene	15.263	252	919415	47.863	ng		98
90)	Benzo(a)pyrene	15.621	252	932137	59.213	ng		100
91)	Dibenzo(a,h)anthracene	17.280	278	890282	58.413	ng		96
92)	Benzo(g,h,i)perylene	17.739	276	872144	55.817	ng		98

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

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