Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129098.D
Acq On : 01 Jul 2022 18:26
Operator : CG\JU
Sample : N3562-10MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11BMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:26:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	372859	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	1461045	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	758437	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	1335796	20.000	ng		0.00
76) Chrysene-d12	14.145	240	769718	20.000	ng		0.00
86) Perylene-d12	15.662	264	670493	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1843533	83.590	ng		0.00
7) Phenol-d6	6.581	99	2343478	85.557	ng		0.00
23) Nitrobenzene-d5	7.522	82	1460192	59.612	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	700141	84.898	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	2699017	56.931	ng		0.00
79) Terphenyl-d14	13.080	244	2710276	73.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	382880	38.940	ng		86
3) Pyridine	3.657	79	1004263	41.822	ng		84
4) n-Nitrosodimethylamine	3.599	42	465334	42.773	ng	#	77
6) Aniline	6.622	93	1354157	44.205	ng		96
8) 2-Chlorophenol	6.739	128	1071651	46.250	ng		97
9) Benzaldehyde	6.510	77	625571	55.418	ng		99
10) Phenol	6.592	94	1256110	45.262	ng		92
11) bis(2-Chloroethyl)ether	6.692	93	1001006	45.572	ng		91
12) 1,3-Dichlorobenzene	6.898	146	1130087	44.305	ng		96
13) 1,4-Dichlorobenzene	6.975	146	1144603	44.489	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1097805	45.392	ng		100
15) Benzyl Alcohol	7.098	79	859861	44.629	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1429248	45.557	ng		91
17) 2-Methylphenol	7.204	107	854016	45.294	ng		97
18) Hexachloroethane	7.469	117	416050	46.062	ng		92
19) n-Nitroso-di-n-propyla...	7.369	70	717255	45.267	ng		88
20) 3+4-Methylphenols	7.357	107	1071121	44.673	ng		96
22) Acetophenone	7.369	105	1420382	42.379	ng	#	92
24) Nitrobenzene	7.539	77	1064305	44.906	ng		92
25) Isophorone	7.781	82	1970060	47.589	ng		97
26) 2-Nitrophenol	7.857	139	569365	51.690	ng	#	84
27) 2,4-Dimethylphenol	7.886	122	989273	49.747	ng		97
28) bis(2-Chloroethoxy)met...	7.986	93	1235871	43.469	ng		99
29) 2,4-Dichlorophenol	8.092	162	886388	43.700	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	914733	40.982	ng		97
31) Naphthalene	8.263	128	3181754	47.970	ng		97
32) Benzoic acid	7.998	122	584160	36.613	ng		93
33) 4-Chloroaniline	8.310	127	804329	30.095	ng		94
34) Hexachlorobutadiene	8.375	225	561083	42.099	ng		100
35) Caprolactam	8.692	113	279562m	43.465	ng		
36) 4-Chloro-3-methylphenol	8.786	107	904714	43.900	ng		90
37) 2-Methylnaphthalene	8.951	142	2031535	45.518	ng		99
38) 1-Methylnaphthalene	9.057	142	1910491	44.079	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	914780	42.910	ng		99
41) Hexachlorocyclopentadiene	9.104	237	1088331	96.715	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	635699	43.778	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	663697	42.970	ng		98
46)	1,1'-Biphenyl	9.416	154	2410853	44.215	ng		97
47)	2-Chloronaphthalene	9.445	162	1823333	43.302	ng		99
48)	2-Nitroaniline	9.539	65	539742	48.668	ng		86
49)	Acenaphthylene	9.863	152	2860050	44.701	ng		97
50)	Dimethylphthalate	9.722	163	2072180	43.673	ng		99
51)	2,6-Dinitrotoluene	9.780	165	481513	49.663	ng		97
52)	Acenaphthene	10.039	154	2036336	48.861	ng		99
53)	3-Nitroaniline	9.951	138	394154	34.090	ng	#	90
54)	2,4-Dinitrophenol	10.057	184	420961	80.262	ng	#	81
55)	Dibenzofuran	10.210	168	2705066	44.575	ng		97
56)	4-Nitrophenol	10.110	139	811203	85.869	ng		92
57)	2,4-Dinitrotoluene	10.186	165	629650	52.604	ng		90
58)	Fluorene	10.551	166	2129418	45.364	ng		96
59)	2,3,4,6-Tetrachlorophenol	10.322	232	542217	42.374	ng		99
60)	Diethylphthalate	10.422	149	2056478	43.254	ng		97
61)	4-Chlorophenyl-phenyle...	10.539	204	996473	42.606	ng		97
62)	4-Nitroaniline	10.575	138	513473	44.785	ng		84
63)	Azobenzene	10.704	77	1966439	42.215	ng		91
65)	4,6-Dinitro-2-methylph...	10.592	198	273416	46.265	ng		91
66)	n-Nitrosodiphenylamine	10.663	169	1774835	43.749	ng		94
67)	4-Bromophenyl-phenylether	11.033	248	633409	44.577	ng		97
68)	Hexachlorobenzene	11.098	284	705280	44.575	ng		99
69)	Atrazine	11.186	200	585764	51.312	ng		98
70)	Pentachlorophenol	11.292	266	755097	80.124	ng		99
71)	Phenanthrene	11.522	178	3513849	55.055	ng		95
72)	Anthracene	11.574	178	2963698	47.098	ng		97
73)	Carbazole	11.727	167	2799754	44.402	ng		99
74)	Di-n-butylphthalate	12.045	149	2999828	45.122	ng		98
75)	Fluoranthene	12.710	202	3120757	46.754	ng		94
77)	Benzidine	12.833	184	1359749	99.209	ng		99
78)	Pyrene	12.945	202	3074255	57.620	ng		99
80)	Butylbenzylphthalate	13.551	149	1162635	53.490	ng		94
81)	Benzo(a)anthracene	14.133	228	2221376	47.266	ng		98
82)	3,3'-Dichlorobenzidine	14.092	252	585166	57.623	ng		98
83)	Chrysene	14.168	228	2003015	45.908	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1524473	52.775	ng		97
85)	Di-n-octyl phthalate	14.727	149	2063608	48.394	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	17.221	276	2158892	52.498	ng		99
88)	Benzo(b)fluoranthene	15.210	252	1995762	49.494	ng		98
89)	Benzo(k)fluoranthene	15.245	252	1713393	43.809	ng		100
90)	Benzo(a)pyrene	15.598	252	1705853	51.894	ng		97
91)	Dibenzo(a,h)anthracene	17.245	278	1821842	54.346	ng		97
92)	Benzo(g,h,i)perylene	17.703	276	1891592	56.242	ng		99

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

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