Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126518.D
Acq On : 6 Jan 2022 15:23
Operator : JU/CG
Sample : N1014-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11944MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:32:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	94787	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	393204	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	177563	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	261755	20.000	ng		0.00
76) Chrysene-d12	13.951	240	133053	20.000	ng		0.00
86) Perylene-d12	15.410	264	166192	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	723854	109.667	ng		0.02
7) Phenol-d6	6.422	99	841106	98.386	ng		0.00
23) Nitrobenzene-d5	7.345	82	621656	81.178	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	182837	133.252	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	883404	87.549	ng		0.00
79) Terphenyl-d14	12.892	244	637704	93.122	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	130592	39.454	ng	#	85
3) Pyridine	3.357	79	193891	21.716	ng		98
4) n-Nitrosodimethylamine	3.281	42	141997	38.683	ng		98
6) Aniline	6.445	93	129492	12.181	ng		98
8) 2-Chlorophenol	6.569	128	304579	46.272	ng		93
9) Benzaldehyde	6.334	77	157851	29.826	ng		90
10) Phenol	6.434	94	332754	34.878	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	319102	43.804	ng		95
12) 1,3-Dichlorobenzene	6.722	146	303180	46.091	ng		99
13) 1,4-Dichlorobenzene	6.798	146	305241	46.490	ng		99
14) 1,2-Dichlorobenzene	6.951	146	296610	46.364	ng		97
15) Benzyl Alcohol	6.928	79	254418	42.534	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	503804	44.035	ng		99
17) 2-Methylphenol	7.040	107	238383	41.171	ng		98
18) Hexachloroethane	7.292	117	118322	45.231	ng		94
19) n-Nitroso-di-n-propyla...	7.198	70	199950	40.987	ng		96
20) 3+4-Methylphenols	7.192	107	269132	39.042	ng	#	84
22) Acetophenone	7.192	105	406130	44.678	ng		97
24) Nitrobenzene	7.363	77	318168	41.519	ng		95
25) Isophorone	7.604	82	576163	42.029	ng		98
26) 2-Nitrophenol	7.681	139	156631	46.107	ng		96
27) 2,4-Dimethylphenol	7.722	122	262662	49.448	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	379550	42.382	ng		100
29) 2,4-Dichlorophenol	7.922	162	219357	45.226	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	235570	46.602	ng		98
31) Naphthalene	8.087	128	851718	45.892	ng		99
32) Benzoic acid	7.851	122	175823	45.977	ng		95
33) 4-Chloroaniline	8.134	127	68646	8.829	ng	#	93
34) Hexachlorobutadiene	8.204	225	118538	48.246	ng		99
35) Caprolactam	8.498	113	60624m	49.133	ng		
36) 4-Chloro-3-methylphenol	8.622	107	253125	42.763	ng		98
37) 2-Methylnaphthalene	8.781	142	540615	49.379	ng		99
38) 1-Methylnaphthalene	8.875	142	497013	46.954	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	187597	48.620	ng		98
41) Hexachlorocyclopentadiene	8.934	237	206048	131.163	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	136155	47.716	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.098	196	140774	45.833	ng		98
46)	1,1'-Biphenyl	9.245	154	629970	48.373	ng		99
47)	2-Chloronaphthalene	9.269	162	464036	47.043	ng		99
48)	2-Nitroaniline	9.363	65	148667	37.323	ng		88
49)	Acenaphthylene	9.681	152	699916	46.784	ng		100
50)	Dimethylphthalate	9.545	163	500958	45.193	ng		98
51)	2,6-Dinitrotoluene	9.604	165	109002	45.533	ng		98
52)	Acenaphthene	9.857	154	494274m	50.395	ng		
53)	3-Nitroaniline	9.775	138	58574	17.846	ng		85
54)	2,4-Dinitrophenol	9.881	184	108661	87.910	ng		94
55)	Dibenzofuran	10.028	168	597387	45.055	ng		98
56)	4-Nitrophenol	9.939	139	172405	73.856	ng		95
57)	2,4-Dinitrotoluene	10.010	165	137674	44.576	ng		94
58)	Fluorene	10.369	166	428374	45.694	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.145	232	102301	46.405	ng		95
60)	Diethylphthalate	10.245	149	458303	42.900	ng		100
61)	4-Chlorophenyl-phenyle...	10.363	204	189507	46.322	ng		97
62)	4-Nitroaniline	10.386	138	112500	36.393	ng		91
63)	Azobenzene	10.522	77	544760	39.588	ng		99
65)	4,6-Dinitro-2-methylph...	10.416	198	65391	46.132	ng		88
66)	n-Nitrosodiphenylamine	10.480	169	389938	48.016	ng		98
67)	4-Bromophenyl-phenylether	10.851	248	114169	49.140	ng		96
68)	Hexachlorobenzene	10.922	284	136250	50.416	ng	#	91
69)	Atrazine	11.010	200	104797	74.942	ng		97
70)	Pentachlorophenol	11.116	266	135360	103.053	ng		97
71)	Phenanthrene	11.333	178	618551	46.222	ng		99
72)	Anthracene	11.380	178	638065	47.651	ng		100
73)	Carbazole	11.539	167	547768	41.776	ng		99
74)	Di-n-butylphthalate	11.875	149	653180	43.755	ng		99
75)	Fluoranthene	12.522	202	532313	43.583	ng		98
77)	Benzidine	12.645	184	43890	16.827	ng		99
78)	Pyrene	12.751	202	534520	47.537	ng		99
80)	Butylbenzylphthalate	13.374	149	218932	43.940	ng		86
81)	Benzo(a)anthracene	13.939	228	358239	46.818	ng		98
82)	3,3'-Dichlorobenzidine	13.904	252	106175	29.743	ng		98
83)	Chrysene	13.974	228	379928	48.406	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.939	149	251850	48.774	ng		100
85)	Di-n-octyl phthalate	14.563	149	471797	52.684	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.839	276	576156	51.802	ng		96
88)	Benzo(b)fluoranthene	14.992	252	482601	48.746	ng		96
89)	Benzo(k)fluoranthene	15.021	252	397553	41.453	ng		97
90)	Benzo(a)pyrene	15.351	252	457759	55.143	ng		98
91)	Dibenzo(a,h)anthracene	16.857	278	475430	52.974	ng		97
92)	Benzo(g,h,i)perylene	17.274	276	512587	53.636	ng		94

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

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