Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
Data File : BF136107.D
Acq On : 02 Nov 2023 21:05
Operator : CG\JU
Sample : 05050-06MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 23:06:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	106955	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	424054	20.000	ng	#	0.00
39) Acenaphthene-d10	9.863	164	214351	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	348866	20.000	ng		0.00
76) Chrysene-d12	14.010	240	193244	20.000	ng		0.00
86) Perylene-d12	15.498	264	186034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	599283	88.048	ng		0.00
7) Phenol-d6	6.457	99	751135	88.574	ng		0.00
23) Nitrobenzene-d5	7.387	82	465537	66.180	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	199321	87.118	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	882362	65.620	ng		0.00
79) Terphenyl-d14	12.951	244	758846	61.025	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	124033	41.849	ng		98
3) Pyridine	3.404	79	295234	36.495	ng		98
4) n-Nitrosodimethylamine	3.375	42	157902	46.684	ng		87
6) Aniline	6.481	93	289916	26.406	ng		99
8) 2-Chlorophenol	6.604	128	354145	48.668	ng		99
9) Benzaldehyde	6.369	77	91438	19.337	ng		99
10) Phenol	6.469	94	419022	47.772	ng		92
11) bis(2-Chloroethyl)ether	6.563	93	320584	46.687	ng		99
12) 1,3-Dichlorobenzene	6.763	146	363735	48.027	ng		98
13) 1,4-Dichlorobenzene	6.840	146	367652	48.439	ng		98
14) 1,2-Dichlorobenzene	6.987	146	353835	49.857	ng		96
15) Benzyl Alcohol	6.963	79	294442	48.968	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	435839	46.113	ng		99
17) 2-Methylphenol	7.075	107	268195	43.446	ng		95
18) Hexachloroethane	7.334	117	132769	49.769	ng	#	89
19) n-Nitroso-di-n-propyla...	7.239	70	222382	45.895	ng		97
20) 3+4-Methylphenols	7.228	107	324630	43.126	ng		98
22) Acetophenone	7.234	105	452749	48.149	ng	#	94
24) Nitrobenzene	7.404	77	342473	48.131	ng		95
25) Isophorone	7.639	82	623481	46.948	ng		98
26) 2-Nitrophenol	7.716	139	177928	54.807	ng		91
27) 2,4-Dimethylphenol	7.757	122	255694	41.680	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	379265	46.610	ng		99
29) 2,4-Dichlorophenol	7.957	162	280586	48.516	ng		95
30) 1,2,4-Trichlorobenzene	8.045	180	308383	48.880	ng		98
31) Naphthalene	8.128	128	953914	46.649	ng		99
32) Benzoic acid	7.875	122	201974m	41.834	ng		
33) 4-Chloroaniline	8.169	127	89840	10.032	ng		99
34) Hexachlorobutadiene	8.239	225	182015	50.307	ng		98
35) Caprolactam	8.551	113	93914m	49.941	ng		
36) 4-Chloro-3-methylphenol	8.657	107	298177	49.110	ng		98
37) 2-Methylnaphthalene	8.816	142	606106	44.205	ng		99
38) 1-Methylnaphthalene	8.916	142	593735	46.532	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	296448	48.494	ng		99
41) Hexachlorocyclopentadiene	8.969	237	244824	74.964	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	194480	48.793	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	206767	44.783	ng		98
46) 1,1'-Biphenyl	9.281	154	782415	47.882	ng		100
47) 2-Chloronaphthalene	9.304	162	591893	49.136	ng		97
48) 2-Nitroaniline	9.404	65	177311	49.737	ng		99
49) Acenaphthylene	9.722	152	919238	48.916	ng		99
50) Dimethylphthalate	9.586	163	688536	48.698	ng		99
51) 2,6-Dinitrotoluene	9.651	165	151623	50.140	ng		95
52) Acenaphthene	9.898	154	548848m	45.943	ng		
53) 3-Nitroaniline	9.816	138	101619	28.800	ng		97
54) 2,4-Dinitrophenol	9.922	184	110587	68.724	ng		93
55) Dibenzofuran	10.069	168	804206	46.167	ng		96
56) 4-Nitrophenol	9.980	139	239416	90.710	ng		88
57) 2,4-Dinitrotoluene	10.051	165	197525	51.626	ng		97
58) Fluorene	10.416	166	610690	46.823	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	168628	45.938	ng		97
60) Diethylphthalate	10.292	149	655836	48.547	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	300097	46.095	ng		93
62) 4-Nitroaniline	10.433	138	142784	42.024	ng		96
63) Azobenzene	10.569	77	598346	45.990	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	81439	43.150	ng		78
66) n-Nitrosodiphenylamine	10.528	169	547817	52.054	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	190376	52.049	ng		94
68) Hexachlorobenzene	10.957	284	207146	53.027	ng	#	90
69) Atrazine	11.057	200	188713	65.906	ng		97
70) Pentachlorophenol	11.157	266	215070	85.727	ng		95
71) Phenanthrene	11.380	178	851871	48.497	ng		99
72) Anthracene	11.433	178	862977	47.945	ng		99
73) Carbazole	11.586	167	701237	44.833	ng		99
74) Di-n-butylphthalate	11.927	149	922343	51.607	ng		99
75) Fluoranthene	12.569	202	737215	40.854	ng		99
77) Benzidine	12.698	184	168841	44.827	ng		99
78) Pyrene	12.804	202	733014	43.024	ng		99
80) Butylbenzylphthalate	13.433	149	290914	47.702	ng		99
81) Benzo(a)anthracene	13.998	228	614656	48.045	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	120923	29.614	ng		99
83) Chrysene	14.033	228	597248	47.404	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	366933	51.643	ng		98
85) Di-n-octyl phthalate	14.621	149	666448	62.613	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	434122	35.705	ng		98
88) Benzo(b)fluoranthene	15.063	252	594323	53.990	ng		99
89) Benzo(k)fluoranthene	15.092	252	546887	50.211	ng		100
90) Benzo(a)pyrene	15.433	252	474256	46.368	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	363032	36.451	ng		98
92) Benzo(g,h,i)perylene	17.462	276	339355	31.018	ng		98

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

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