Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139818.D
Acq On : 15 Oct 2024 18:02
Operator : RC/JU
Sample : P4395-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 18:29:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	81196	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	312809	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	172495	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	283315	20.000	ng		0.00
76) Chrysene-d12	14.015	240	121764	20.000	ng		0.00
86) Perylene-d12	15.480	264	160038	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	718380	149.282	ng		0.02
7) Phenol-d6	6.492	99	893252	139.574	ng		0.00
23) Nitrobenzene-d5	7.422	82	666728	109.705	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	237247	163.079	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1193020	103.446	ng		0.00
79) Terphenyl-d14	12.957	244	839777	178.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	103758	49.552	ng	#	82
3) Pyridine	3.522	79	219929	42.919	ng		99
4) n-Nitrosodimethylamine	3.457	42	167811	55.144	ng		98
6) Aniline	6.522	93	115761	20.993	ng	#	51
8) 2-Chlorophenol	6.645	128	289206	56.923	ng		99
9) Benzaldehyde	6.410	77	31848	8.860	ng		99
10) Phenol	6.510	94	329405	49.034	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	287521	57.392	ng		99
12) 1,3-Dichlorobenzene	6.798	146	292942	50.994	ng		99
13) 1,4-Dichlorobenzene	6.875	146	300382	52.126	ng		100
14) 1,2-Dichlorobenzene	7.022	146	287813	53.830	ng		99
15) Benzyl Alcohol	6.998	79	272025	59.056	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	508864	57.961	ng		93
17) 2-Methylphenol	7.116	107	231902	56.422	ng		95
18) Hexachloroethane	7.363	117	110476	52.916	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	220025	59.037	ng		100
20) 3+4-Methylphenols	7.269	107	291038	56.313	ng		97
22) Acetophenone	7.263	105	399886	54.472	ng		98
24) Nitrobenzene	7.439	77	335118	52.894	ng		98
25) Isophorone	7.675	82	605499	58.380	ng		100
26) 2-Nitrophenol	7.751	139	156833	56.853	ng		97
27) 2,4-Dimethylphenol	7.792	122	233794m	69.747	ng		
28) bis(2-Chloroethoxy)met...	7.886	93	358145	56.266	ng		99
29) 2,4-Dichlorophenol	7.998	162	246855	56.785	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	255259	51.572	ng		99
31) Naphthalene	8.157	128	867449	53.807	ng		99
32) Benzoic acid	7.922	122	168241	54.360	ng		98
33) 4-Chloroaniline	8.204	127	42739	8.084	ng		98
34) Hexachlorobutadiene	8.269	225	159872	50.902	ng		98
35) Caprolactam	8.581	113	63340m	51.606	ng		
36) 4-Chloro-3-methylphenol	8.698	107	268090	58.071	ng		100
37) 2-Methylnaphthalene	8.845	142	567101	56.108	ng		99
38) 1-Methylnaphthalene	8.945	142	530576	53.921	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	265430	52.980	ng		98
41) Hexachlorocyclopentadiene	8.998	237	259827	197.099	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	178779	56.131	ng		100

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44) 2,4,5-Trichlorophenol	9.175	196	187985	55.080	ng	99
46) 1,1'-Biphenyl	9.310	154	706329	54.157	ng	99
47) 2-Chloronaphthalene	9.339	162	526263	52.812	ng	99
48) 2-Nitroaniline	9.439	65	184322	56.657	ng	96
49) Acenaphthylene	9.751	152	855209	58.438	ng	99
50) Dimethylphthalate	9.616	163	613653	58.119	ng	100
51) 2,6-Dinitrotoluene	9.680	165	132211	54.880	ng	98
52) Acenaphthene	9.922	154	516241	55.684	ng	100
53) 3-Nitroaniline	9.845	138	33162	13.806	ng	97
54) 2,4-Dinitrophenol	9.963	184	142692	145.748	ng	99
55) Dibenzofuran	10.098	168	775154	55.760	ng	99
56) 4-Nitrophenol	10.016	139	158970	109.938	ng	97
57) 2,4-Dinitrotoluene	10.086	165	168087	56.513	ng	94
58) Fluorene	10.439	166	595085	55.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	149826	59.035	ng	100
60) Diethylphthalate	10.310	149	592558	57.685	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	293153	54.836	ng	99
62) 4-Nitroaniline	10.463	138	115524	52.586	ng	100
63) Azobenzene	10.592	77	619435	57.842	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	90360	60.793	ng	96
66) n-Nitrosodiphenylamine	10.551	169	506289	56.494	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	168375	55.162	ng	99
68) Hexachlorobenzene	10.986	284	183815	53.834	ng	97
69) Atrazine	11.074	200	131168	78.402	ng	98
70) Pentachlorophenol	11.186	266	180516	123.622	ng	99
71) Phenanthrene	11.404	178	765935	56.598	ng	100
72) Anthracene	11.451	178	783097	58.889	ng	99
73) Carbazole	11.610	167	631663	53.690	ng	100
74) Di-n-butylphthalate	11.933	149	749684	58.642	ng	100
75) Fluoranthene	12.586	202	671021	52.553	ng	100
77) Benzidine	12.716	184	66469	32.679	ng	99
78) Pyrene	12.816	202	656272	54.827	ng	100
80) Butylbenzylphthalate	13.427	149	198379	61.132	ng	96
81) Benzo(a)anthracene	14.004	228	470319	58.151	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	88882	32.983	ng	99
83) Chrysene	14.039	228	445532	60.438	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	252122	60.232	ng	100
85) Di-n-octyl phthalate	14.598	149	476455	61.182	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	604288	56.388	ng	100
88) Benzo(b)fluoranthene	15.051	252	554710	60.427	ng	98
89) Benzo(k)fluoranthene	15.080	252	456267	56.006	ng	99
90) Benzo(a)pyrene	15.421	252	500158	62.378	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	488415	55.575	ng	99
92) Benzo(g,h,i)perylene	17.398	276	453259	49.173	ng	99

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

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