Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139094.D
Acq On : 21 Aug 2024 11:22
Operator : RC/JU
Sample : P3663-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 11:50:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	91245	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	344368	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	193971	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	321854	20.000	ng		0.00
76) Chrysene-d12	14.057	240	150412	20.000	ng		0.00
86) Perylene-d12	15.533	264	194315	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	510543	86.085	ng		0.00
7) Phenol-d6	6.522	99	677121	88.360	ng		0.00
23) Nitrobenzene-d5	7.457	82	414119	70.072	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	155557	88.586	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	599827	49.064	ng		0.00
79) Terphenyl-d14	13.004	244	426762	47.079	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	106856	42.007	ng		99
3) Pyridine	3.504	79	287021	44.403	ng		99
4) n-Nitrosodimethylamine	3.457	42	178451	45.700	ng		98
6) Aniline	6.557	93	386446	55.861	ng		100
8) 2-Chlorophenol	6.681	128	286349	50.198	ng		97
9) Benzaldehyde	6.445	77	167196	37.201	ng		98
10) Phenol	6.534	94	403056	50.549	ng		99
11) bis(2-Chloroethyl)ether	6.633	93	288515	44.994	ng		99
12) 1,3-Dichlorobenzene	6.839	146	316293	46.117	ng		100
13) 1,4-Dichlorobenzene	6.916	146	319619	46.610	ng		99
14) 1,2-Dichlorobenzene	7.069	146	305701	48.778	ng		99
15) Benzyl Alcohol	7.033	79	311944	51.504	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	451881	50.027	ng		100
17) 2-Methylphenol	7.145	107	241647	49.517	ng		98
18) Hexachloroethane	7.410	117	114815	47.748	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	244928	48.670	ng		100
20) 3+4-Methylphenols	7.298	107	310610	49.125	ng		93
22) Acetophenone	7.304	105	424923	48.326	ng	#	93
24) Nitrobenzene	7.481	77	348783	53.095	ng		99
25) Isophorone	7.716	82	638923	50.864	ng		99
26) 2-Nitrophenol	7.792	139	129445	55.517	ng		99
27) 2,4-Dimethylphenol	7.828	122	238661	59.916	ng		100
28) bis(2-Chloroethoxy)met...	7.928	93	358945	48.905	ng		99
29) 2,4-Dichlorophenol	8.033	162	249332	50.244	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	263564	45.359	ng		99
31) Naphthalene	8.204	128	831553	47.651	ng		100
32) Benzoic acid	7.945	122	161630	48.600	ng		98
33) 4-Chloroaniline	8.245	127	230729	38.606	ng		99
34) Hexachlorobutadiene	8.316	225	179734	47.351	ng		99
35) Caprolactam	8.616	113	76185m	48.424	ng		
36) 4-Chloro-3-methylphenol	8.722	107	276292	50.285	ng		98
37) 2-Methylnaphthalene	8.892	142	549969	49.134	ng		100
38) 1-Methylnaphthalene	8.992	142	509024	47.119	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	270965	51.550	ng		97
41) Hexachlorocyclopentadiene	9.045	237	364123	178.405	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	192811	53.802	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	181857	49.438	ng		99
46) 1,1'-Biphenyl	9.357	154	680643	51.225	ng		99
47) 2-Chloronaphthalene	9.380	162	531886	49.265	ng		100
48) 2-Nitroaniline	9.475	65	176140	55.871	ng		99
49) Acenaphthylene	9.798	152	830700	53.711	ng		100
50) Dimethylphthalate	9.657	163	641240	53.548	ng		100
51) 2,6-Dinitrotoluene	9.716	165	130844	53.865	ng		97
52) Acenaphthene	9.969	154	578384	56.614	ng		99
53) 3-Nitroaniline	9.886	138	100612	41.972	ng	#	98
54) 2,4-Dinitrophenol	9.992	184	115287	97.235	ng	#	50
55) Dibenzofuran	10.139	168	757882	51.074	ng		99
56) 4-Nitrophenol	10.039	139	200254	110.631	ng		99
57) 2,4-Dinitrotoluene	10.122	165	168138	54.931	ng		96
58) Fluorene	10.486	166	585052	49.335	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	163881	55.487	ng		99
60) Diethylphthalate	10.357	149	610120	51.421	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	296965	50.140	ng		99
62) 4-Nitroaniline	10.498	138	123012	49.889	ng		98
63) Azobenzene	10.639	77	675159	51.204	ng		99
65) 4,6-Dinitro-2-methylph...	10.521	198	76116	60.322	ng		99
66) n-Nitrosodiphenylamine	10.592	169	514960	54.073	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	184214	54.014	ng		98
68) Hexachlorobenzene	11.027	284	189045	51.668	ng		100
69) Atrazine	11.121	200	165867	57.028	ng		99
70) Pentachlorophenol	11.221	266	229182	98.058	ng		98
71) Phenanthrene	11.445	178	815000	49.819	ng		100
72) Anthracene	11.498	178	826733	51.675	ng		100
73) Carbazole	11.651	167	659819	44.166	ng		100
74) Di-n-butylphthalate	11.986	149	828397	47.822	ng		100
75) Fluoranthene	12.633	202	697893	39.969	ng		99
77) Benzidine	12.751	184	344691	110.942	ng		100
78) Pyrene	12.857	202	670817	53.442	ng		100
80) Butylbenzylphthalate	13.480	149	231692	53.354	ng		97
81) Benzo(a)anthracene	14.045	228	494228	49.985	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	141325	51.135	ng		99
83) Chrysene	14.080	228	473045	52.783	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	286423	49.752	ng		99
85) Di-n-octyl phthalate	14.662	149	505579	62.571	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	635841	55.911	ng		99
88) Benzo(b)fluoranthene	15.104	252	564433	44.556	ng		99
89) Benzo(k)fluoranthene	15.133	252	506016	47.959	ng		99
90) Benzo(a)pyrene	15.474	252	528916	52.839	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	525212	56.260	ng		99
92) Benzo(g,h,i)perylene	17.468	276	457380	43.181	ng		98

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

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