Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138951.D
Acq On : 12 Aug 2024 23:57
Operator : RC/JU
Sample : P3478-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS04MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 01:04:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	45355	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	191758	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	111683	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	190822	20.000	ng		0.00
76) Chrysene-d12	14.004	240	91973	20.000	ng	#	0.00
86) Perylene-d12	15.462	264	89724	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	207529	70.632	ng		0.00
7) Phenol-d6	6.487	99	233692	59.241	ng		0.00
23) Nitrobenzene-d5	7.410	82	426409	108.719	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	153100	167.353	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	780272	104.972	ng		0.00
79) Terphenyl-d14	12.945	244	712715	129.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	21525	16.734	ng	#	92
3) Pyridine	3.416	79	42301	13.575	ng		97
4) n-Nitrosodimethylamine	3.351	42	45046	24.272	ng		83
6) Aniline	6.504	93	90862	25.828	ng	#	61
8) 2-Chlorophenol	6.634	128	157759	51.034	ng		97
9) Benzaldehyde	6.398	77	5775	2.442	ng		98
10) Phenol	6.498	94	97542	23.485	ng	#	77
11) bis(2-Chloroethyl)ether	6.575	93	175013	54.757	ng		99
12) 1,3-Dichlorobenzene	6.781	146	152868	44.177	ng		98
13) 1,4-Dichlorobenzene	6.857	146	162518	46.539	ng		100
14) 1,2-Dichlorobenzene	7.010	146	154007	47.189	ng		98
15) Benzyl Alcohol	6.992	79	111782	39.316	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	299012	54.361	ng		62
17) 2-Methylphenol	7.110	107	122642	48.046	ng	#	81
18) Hexachloroethane	7.345	117	59538	45.293	ng		99
19) n-Nitroso-di-n-propyla...	7.263	70	152404	63.966	ng		98
20) 3+4-Methylphenols	7.263	107	149381	45.611	ng	#	85
22) Acetophenone	7.251	105	261130	55.617	ng	#	96
24) Nitrobenzene	7.434	77	224910	56.354	ng		98
25) Isophorone	7.669	82	406303	60.668	ng		98
26) 2-Nitrophenol	7.745	139	100040	58.262	ng		94
27) 2,4-Dimethylphenol	7.787	122	126262	61.459	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	235258	57.684	ng		99
29) 2,4-Dichlorophenol	7.992	162	152279	57.683	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	159499	52.354	ng		97
31) Naphthalene	8.145	128	552525	54.740	ng		99
32) Benzoic acid	7.904	122	15027	9.305	ng		86
33) 4-Chloroaniline	8.198	127	64362	18.996	ng		98
34) Hexachlorobutadiene	8.251	225	90728	49.168	ng		99
35) Caprolactam	8.598	113	6692	8.495	ng		98
36) 4-Chloro-3-methylphenol	8.686	107	183064	60.677	ng		100
37) 2-Methylnaphthalene	8.833	142	380863	59.747	ng		100
38) 1-Methylnaphthalene	8.933	142	349632	55.972	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	164217	52.932	ng		98
41) Hexachlorocyclopentadiene	8.981	237	113257	132.879	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	103181	54.547	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	111023	53.689	ng		98
46) 1,1'-Biphenyl	9.298	154	463720	53.016	ng		99
47) 2-Chloronaphthalene	9.328	162	361109	55.510	ng		99
48) 2-Nitroaniline	9.433	65	135600	61.486	ng		98
49) Acenaphthylene	9.739	152	578138	62.661	ng		100
50) Dimethylphthalate	9.604	163	480900	67.342	ng		99
51) 2,6-Dinitrotoluene	9.675	165	96830	60.082	ng		90
52) Acenaphthene	9.910	154	353916	57.063	ng		100
53) 3-Nitroaniline	9.845	138	47586	28.562	ng		92
54) 2,4-Dinitrophenol	9.963	184	87006	117.277	ng		89
55) Dibenzofuran	10.086	168	527094	60.205	ng		99
56) 4-Nitrophenol	10.033	139	18058	18.024	ng	#	68
57) 2,4-Dinitrotoluene	10.080	165	132327	64.356	ng	#	83
58) Fluorene	10.428	166	430943	61.811	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	93662	59.244	ng		97
60) Diethylphthalate	10.298	149	447710	66.121	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	210248	61.316	ng		96
62) 4-Nitroaniline	10.463	138	84418	53.318	ng		85
63) Azobenzene	10.575	77	470233	62.616	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	71616	61.516	ng		93
66) n-Nitrosodiphenylamine	10.539	169	370642	62.139	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	123123	59.595	ng		97
68) Hexachlorobenzene	10.975	284	124511	58.369	ng		99
69) Atrazine	11.069	200	106395	69.137	ng		98
70) Pentachlorophenol	11.180	266	80330	83.546	ng		98
71) Phenanthrene	11.392	178	599208	60.983	ng		100
72) Anthracene	11.445	178	610848	63.106	ng		100
73) Carbazole	11.598	167	491750	58.884	ng		99
74) Di-n-butylphthalate	11.916	149	663660	70.692	ng		99
75) Fluoranthene	12.574	202	534614	58.281	ng		99
77) Benzidine	12.704	184	12343	5.611	ng		96
78) Pyrene	12.804	202	524964	60.623	ng		100
80) Butylbenzylphthalate	13.410	149	189731	68.420	ng		99
81) Benzo(a)anthracene	13.992	228	380076	60.011	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	72314	44.617	ng		99
83) Chrysene	14.027	228	349687	61.198	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	250774	61.757	ng		99
85) Di-n-octyl phthalate	14.574	149	400870	53.358	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	370866	57.678	ng		96
88) Benzo(b)fluoranthene	15.039	252	317870	57.150	ng		98
89) Benzo(k)fluoranthene	15.068	252	326869m	67.876	ng		
90) Benzo(a)pyrene	15.404	252	299330	63.981	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	297279	56.322	ng		98
92) Benzo(g,h,i)perylene	17.386	276	274937	50.197	ng		97

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

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