Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139474.D
Acq On : 19 Sep 2024 20:18
Operator : RC/JU
Sample : P4030-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 20 01:38:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
09/21/2024
Supervised By :mohammad ahmed
09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	75209	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	279325	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	144162	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	227131	20.000	ng	#	0.00
76) Chrysene-d12	14.033	240	115561	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	127650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	534174	115.867	ng		0.01
7) Phenol-d6	6.510	99	675516	111.632	ng		0.00
23) Nitrobenzene-d5	7.445	82	520290	87.567	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	196550	128.064	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	985220	95.850	ng		0.00
79) Terphenyl-d14	12.980	244	713861	101.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	68572	37.073	ng		97
3) Pyridine	3.475	79	158971	38.982	ng		98
4) n-Nitrosodimethylamine	3.434	42	136132	38.514	ng		87
6) Aniline	6.540	93	237973	52.111	ng	#	89
8) 2-Chlorophenol	6.663	128	213292	44.945	ng		98
9) Benzaldehyde	6.428	77	47300	13.529	ng		96
10) Phenol	6.528	94	256817	41.670	ng		91
11) bis(2-Chloroethyl)ether	6.616	93	207275	44.249	ng		98
12) 1,3-Dichlorobenzene	6.822	146	219985	40.760	ng		98
13) 1,4-Dichlorobenzene	6.898	146	227219	41.661	ng		98
14) 1,2-Dichlorobenzene	7.045	146	215284	41.774	ng		99
15) Benzyl Alcohol	7.022	79	224755	46.554	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	386258	53.505	ng		98
17) 2-Methylphenol	7.134	107	177509	47.079	ng		98
18) Hexachloroethane	7.392	117	80755	38.874	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	179792	50.139	ng		99
20) 3+4-Methylphenols	7.287	107	231031	44.912	ng	#	90
22) Acetophenone	7.287	105	316314	43.317	ng		99
24) Nitrobenzene	7.463	77	261416	42.749	ng		99
25) Isophorone	7.698	82	485675	51.685	ng		99
26) 2-Nitrophenol	7.775	139	111156	46.656	ng		95
27) 2,4-Dimethylphenol	7.816	122	189049	60.156	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	272527	50.888	ng		98
29) 2,4-Dichlorophenol	8.016	162	191111	47.869	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	194702	41.855	ng		99
31) Naphthalene	8.187	128	653803	44.835	ng		99
32) Benzoic acid	7.934	122	122125	41.525	ng		93
33) 4-Chloroaniline	8.228	127	183128	41.050	ng		99
34) Hexachlorobutadiene	8.298	225	129381	40.938	ng		100
35) Caprolactam	8.604	113	50498m	41.118	ng		
36) 4-Chloro-3-methylphenol	8.716	107	221006	48.437	ng		95
37) 2-Methylnaphthalene	8.875	142	437113	47.225	ng		99
38) 1-Methylnaphthalene	8.975	142	418376	46.040	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	210169	49.191	ng		99
41) Hexachlorocyclopentadiene	9.028	237	196060	131.427	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	146234	52.608	ng		98

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44) 2,4,5-Trichlorophenol	9.198	196	153512	52.356	ng	99
46) 1,1'-Biphenyl	9.339	154	556691	50.194	ng	99
47) 2-Chloronaphthalene	9.363	162	406340	49.001	ng	99
48) 2-Nitroaniline	9.457	65	164665	53.387	ng	98
49) Acenaphthylene	9.781	152	658840	52.780	ng	100
50) Dimethylphthalate	9.639	163	519777	54.933	ng	100
51) 2,6-Dinitrotoluene	9.698	165	109914	52.437	ng	97
52) Acenaphthene	9.951	154	478796	54.958	ng	100
53) 3-Nitroaniline	9.869	138	94440	45.083	ng	94
54) 2,4-Dinitrophenol	9.975	184	113837	97.463	ng	90
55) Dibenzofuran	10.122	168	616375	50.760	ng	96
56) 4-Nitrophenol	10.033	139	145881	84.160	ng	83
57) 2,4-Dinitrotoluene	10.104	165	143791	50.811	ng	97
58) Fluorene	10.463	166	488686	49.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	127738	52.665	ng	97
60) Diethylphthalate	10.339	149	526223	53.892	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	241728	50.203	ng	97
62) 4-Nitroaniline	10.486	138	102453	44.812	ng	90
63) Azobenzene	10.616	77	507860	52.881	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	69599	58.059	ng	94
66) n-Nitrosodiphenylamine	10.575	169	419469	63.168	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	136939	60.840	ng	99
68) Hexachlorobenzene	11.010	284	149620	56.640	ng	99
69) Atrazine	11.098	200	113962	72.087	ng	100
70) Pentachlorophenol	11.204	266	184514	116.407	ng	98
71) Phenanthrene	11.428	178	608116	55.494	ng	99
72) Anthracene	11.475	178	614369	57.343	ng	99
73) Carbazole	11.627	167	514275	50.152	ng	99
74) Di-n-butylphthalate	11.957	149	688725	60.293	ng	100
75) Fluoranthene	12.610	202	518876	44.339	ng	99
77) Benzidine	12.733	184	104159	62.911	ng	99
78) Pyrene	12.839	202	505314	50.926	ng	100
80) Butylbenzylphthalate	13.457	149	196415	58.156	ng	97
81) Benzo(a)anthracene	14.027	228	434908	56.816	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	132985	59.323	ng	98
83) Chrysene	14.063	228	384925	54.658	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	260626	60.660	ng	99
85) Di-n-octyl phthalate	14.621	149	448521	70.884	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	325219	42.846	ng	97
88) Benzo(b)fluoranthene	15.074	252	465623	59.145	ng	99
89) Benzo(k)fluoranthene	15.104	252	378327	52.120	ng	99
90) Benzo(a)pyrene	15.445	252	394876	60.479	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	278736	44.440	ng	98
92) Benzo(g,h,i)perylene	17.421	276	217740	35.061	ng	97

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

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