Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
Data File : BF139074.D
Acq On : 19 Aug 2024 15:17
Operator : RC/JU
Sample : PB162549BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 19 15:52:09 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

Instrument :
BNA_F
ClientSampleId :
PB162549BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	53446	20.000	ng		-0.01
21) Naphthalene-d8	8.122	136	218483	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	118610	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	200989	20.000	ng		0.00
76) Chrysene-d12	14.004	240	98614	20.000	ng		0.00
86) Perylene-d12	15.468	264	91613	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	448311	129.483	ng		0.01
7) Phenol-d6	6.493	99	592206	127.397	ng		0.00
23) Nitrobenzene-d5	7.410	82	394404	88.258	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	129152	132.931	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	714599	90.522	ng		-0.01
79) Terphenyl-d14	12.939	244	639839	108.632	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	46841	30.902	ng		96
3) Pyridine	3.446	79	115628	31.489	ng		92
4) n-Nitrosodimethylamine	3.416	42	118614	54.237	ng		82
6) Aniline	6.504	93	125340	30.234	ng	#	1
8) 2-Chlorophenol	6.628	128	174358	47.865	ng		100
9) Benzaldehyde	6.393	77	52800	18.948	ng		97
10) Phenol	6.504	94	224319	45.832	ng		84
11) bis(2-Chloroethyl)ether	6.575	93	163316	43.362	ng		99
12) 1,3-Dichlorobenzene	6.775	146	178585	43.796	ng		98
13) 1,4-Dichlorobenzene	6.851	146	184853	44.921	ng		100
14) 1,2-Dichlorobenzene	7.004	146	172341	44.813	ng		98
15) Benzyl Alcohol	6.992	79	161146	48.098	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	290030	44.746	ng		52
17) 2-Methylphenol	7.110	107	141147	46.924	ng	#	85
18) Hexachloroethane	7.340	117	70498	45.512	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	136731	48.700	ng		95
20) 3+4-Methylphenols	7.263	107	187249	48.518	ng	#	74
22) Acetophenone	7.251	105	237541	44.404	ng		98
24) Nitrobenzene	7.428	77	202358	44.501	ng		98
25) Isophorone	7.663	82	357008	46.786	ng		97
26) 2-Nitrophenol	7.739	139	92222	47.139	ng		90
27) 2,4-Dimethylphenol	7.781	122	115949	49.535	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	206376	44.413	ng		99
29) 2,4-Dichlorophenol	7.992	162	144153	47.926	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	156828	45.181	ng		98
31) Naphthalene	8.139	128	510643	44.403	ng		99
32) Benzoic acid	7.951	122	60053m	32.637	ng		
33) 4-Chloroaniline	8.198	127	92331	23.918	ng		96
34) Hexachlorobutadiene	8.251	225	95623	45.482	ng		98
35) Caprolactam	8.586	113	46113m	51.380	ng		
36) 4-Chloro-3-methylphenol	8.692	107	165863	48.251	ng		98
37) 2-Methylnaphthalene	8.828	142	336414	46.319	ng		99
38) 1-Methylnaphthalene	8.928	142	309880	43.540	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	144703	43.918	ng		98
41) Hexachlorocyclopentadiene	8.975	237	75711	86.222	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	88878	44.242	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	97873	44.566	ng		99
46) 1,1'-Biphenyl	9.292	154	396539	42.687	ng		99
47) 2-Chloronaphthalene	9.322	162	310669	44.967	ng		99
48) 2-Nitroaniline	9.428	65	116265	49.640	ng		94
49) Acenaphthylene	9.733	152	481779	49.168	ng		99
50) Dimethylphthalate	9.598	163	375267	49.481	ng		99
51) 2,6-Dinitrotoluene	9.669	165	81946	47.877	ng	#	84
52) Acenaphthene	9.904	154	296663	45.039	ng		99
53) 3-Nitroaniline	9.845	138	57162	32.306	ng		96
54) 2,4-Dinitrophenol	9.963	184	63130	80.125	ng	#	84
55) Dibenzofuran	10.081	168	439726	47.292	ng		98
56) 4-Nitrophenol	10.028	139	65986	62.015	ng		82
57) 2,4-Dinitrotoluene	10.081	165	106932	48.968	ng	#	77
58) Fluorene	10.422	166	357316	48.257	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	84781m	50.495	ng		
60) Diethylphthalate	10.298	149	371444	51.654	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	177517	48.747	ng		96
62) 4-Nitroaniline	10.463	138	71145m	42.311	ng		
63) Azobenzene	10.575	77	386547	48.467	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	56543	46.112	ng		93
66) n-Nitrosodiphenylamine	10.533	169	303979	48.385	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	99562	45.753	ng		100
68) Hexachlorobenzene	10.969	284	103418	46.029	ng		98
69) Atrazine	11.063	200	83808	51.705	ng		99
70) Pentachlorophenol	11.175	266	60912	60.146	ng		98
71) Phenanthrene	11.386	178	494814	47.811	ng		100
72) Anthracene	11.439	178	501843	49.222	ng		100
73) Carbazole	11.598	167	404431	45.978	ng		99
74) Di-n-butylphthalate	11.916	149	554200	56.046	ng		100
75) Fluoranthene	12.574	202	448475	46.418	ng		99
77) Benzidine	12.704	184	24318	10.310	ng		97
78) Pyrene	12.804	202	440072	47.397	ng		99
80) Butylbenzylphthalate	13.410	149	163433	54.968	ng		99
81) Benzo(a)anthracene	13.992	228	310922	45.786	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	66280	38.140	ng		98
83) Chrysene	14.033	228	295733	48.270	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	206402	47.407	ng		99
85) Di-n-octyl phthalate	14.574	149	328656	40.800	ng		98
87) Indeno(1,2,3-cd)pyrene	16.957	276	299184	45.570	ng		97
88) Benzo(b)fluoranthene	15.045	252	278982	49.124	ng		99
89) Benzo(k)fluoranthene	15.074	252	272296	55.378	ng		98
90) Benzo(a)pyrene	15.410	252	258127	54.036	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	249080	46.218	ng		97
92) Benzo(g,h,i)perylene	17.398	276	228350	40.832	ng		97

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

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