Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138882.D
Acq On : 09 Aug 2024 11:21
Operator : RC/JU
Sample : PB162358BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 09 11:52:42 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 :
PB162358BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	55939	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	235563	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	134838	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	234224	20.000	ng		0.00
76) Chrysene-d12	14.004	240	112592	20.000	ng	#	0.00
86) Perylene-d12	15.463	264	98223	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	471740	130.178	ng		0.02
7) Phenol-d6	6.492	99	627521	128.978	ng		0.00
23) Nitrobenzene-d5	7.410	82	413399	85.801	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	155043	140.373	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	785282	87.504	ng		0.00
79) Terphenyl-d14	12.945	244	798117	118.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	46674	29.419	ng		95
3) Pyridine	3.469	79	123702	32.187	ng		96
4) n-Nitrosodimethylamine	3.428	42	113421	49.551	ng		83
6) Aniline	6.510	93	149401	34.432	ng	#	19
8) 2-Chlorophenol	6.634	128	186292	48.861	ng		97
9) Benzaldehyde	6.398	77	112601	38.608	ng		99
10) Phenol	6.510	94	238914	46.639	ng		85
11) bis(2-Chloroethyl)ether	6.581	93	171778	43.576	ng		99
12) 1,3-Dichlorobenzene	6.781	146	186988	43.814	ng		98
13) 1,4-Dichlorobenzene	6.857	146	191864	44.547	ng		100
14) 1,2-Dichlorobenzene	7.010	146	182285	45.286	ng		99
15) Benzyl Alcohol	6.992	79	175959	50.178	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	288350	42.504	ng	#	45
17) 2-Methylphenol	7.110	107	148746	47.247	ng	#	85
18) Hexachloroethane	7.345	117	72230	44.552	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	144914	49.314	ng		98
20) 3+4-Methylphenols	7.263	107	201905	49.984	ng	#	80
22) Acetophenone	7.257	105	253641	43.976	ng		97
24) Nitrobenzene	7.434	77	213785	43.605	ng		99
25) Isophorone	7.669	82	377765	45.917	ng		99
26) 2-Nitrophenol	7.745	139	98469	46.683	ng		96
27) 2,4-Dimethylphenol	7.787	122	128549	50.936	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	223358	44.582	ng		99
29) 2,4-Dichlorophenol	7.992	162	157959	48.708	ng		100
30) 1,2,4-Trichlorobenzene	8.063	180	166992	44.621	ng		98
31) Naphthalene	8.145	128	549910	44.350	ng		99
32) Benzoic acid	7.945	122	68384	34.470	ng		95
33) 4-Chloroaniline	8.198	127	112997	27.149	ng		99
34) Hexachlorobutadiene	8.257	225	100232	44.217	ng		99
35) Caprolactam	8.592	113	42963m	44.399	ng		
36) 4-Chloro-3-methylphenol	8.692	107	184296	49.726	ng		99
37) 2-Methylnaphthalene	8.834	142	363841	46.463	ng		100
38) 1-Methylnaphthalene	8.934	142	340269	44.343	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	155420	41.494	ng		99
41) Hexachlorocyclopentadiene	8.981	237	107057	105.547	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	105090	46.016	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	113489	45.457	ng		99
46) 1,1'-Biphenyl	9.298	154	440378	41.701	ng		100
47) 2-Chloronaphthalene	9.328	162	340163	43.311	ng		100
48) 2-Nitroaniline	9.433	65	125252	47.041	ng		99
49) Acenaphthylene	9.739	152	543488	48.790	ng		99
50) Dimethylphthalate	9.604	163	417390	48.411	ng		100
51) 2,6-Dinitrotoluene	9.675	165	90731	46.630	ng		92
52) Acenaphthene	9.916	154	332882	44.455	ng		100
53) 3-Nitroaniline	9.845	138	63886	31.761	ng		100
54) 2,4-Dinitrophenol	9.963	184	85468	95.421	ng		90
55) Dibenzofuran	10.086	168	492644	46.607	ng		99
56) 4-Nitrophenol	10.028	139	98204	81.187	ng		93
57) 2,4-Dinitrotoluene	10.081	165	125249	50.453	ng	#	84
58) Fluorene	10.428	166	403830	47.975	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	92050	48.226	ng		96
60) Diethylphthalate	10.304	149	416740	50.978	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	198436	47.933	ng		97
62) 4-Nitroaniline	10.463	138	84296	44.099	ng		87
63) Azobenzene	10.580	77	431300	47.569	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	67802	47.448	ng		93
66) n-Nitrosodiphenylamine	10.539	169	344285	47.025	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	117293	46.253	ng		98
68) Hexachlorobenzene	10.975	284	117810	44.994	ng		98
69) Atrazine	11.069	200	104104	55.113	ng		98
70) Pentachlorophenol	11.180	266	92700	78.546	ng		99
71) Phenanthrene	11.392	178	571610	47.395	ng		100
72) Anthracene	11.445	178	575344	48.424	ng		100
73) Carbazole	11.598	167	481592	46.982	ng		99
74) Di-n-butylphthalate	11.916	149	645003	55.973	ng		99
75) Fluoranthene	12.580	202	549678	48.820	ng		99
77) Benzidine	12.698	184	34855	12.943	ng		99
78) Pyrene	12.804	202	543390	51.259	ng		99
80) Butylbenzylphthalate	13.416	149	196241	57.808	ng		96
81) Benzo(a)anthracene	13.992	228	370259	47.755	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	65626	33.076	ng		99
83) Chrysene	14.027	228	338468	48.387	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	232568	46.785	ng		99
85) Di-n-octyl phthalate	14.580	149	361591	39.316	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	327377	46.509	ng		97
88) Benzo(b)fluoranthene	15.039	252	293360	48.180	ng		98
89) Benzo(k)fluoranthene	15.068	252	288953	54.811	ng		98
90) Benzo(a)pyrene	15.404	252	268969	52.516	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	267166	46.237	ng		99
92) Benzo(g,h,i)perylene	17.386	276	251336	41.917	ng		96

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

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