Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
Data File : BF139073.D
Acq On : 19 Aug 2024 14:46
Operator : RC/JU
Sample : PB162612BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 19 15:15:48 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 :
PB162612BS

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	50614	20.000	ng		-0.01
21) Naphthalene-d8	8.122	136	215610	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	122758	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	206328	20.000	ng		0.00
76) Chrysene-d12	14.004	240	104018	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	95044	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	446192	136.082	ng		0.01
7) Phenol-d6	6.492	99	585918	133.097	ng		0.00
23) Nitrobenzene-d5	7.410	82	390192	88.479	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	131587	130.860	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	713444	87.322	ng		-0.01
79) Terphenyl-d14	12.939	244	667138	107.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	47611	33.167	ng		97
3) Pyridine	3.446	79	115403	33.187	ng		93
4) n-Nitrosodimethylamine	3.410	42	116163	56.088	ng	#	80
6) Aniline	6.504	93	125274	31.909	ng	#	1
8) 2-Chlorophenol	6.628	128	172335	49.956	ng		100
9) Benzaldehyde	6.392	77	52011	19.709	ng		97
10) Phenol	6.504	94	221502	47.789	ng		82
11) bis(2-Chloroethyl)ether	6.575	93	162639	45.598	ng		99
12) 1,3-Dichlorobenzene	6.775	146	177304	45.915	ng		98
13) 1,4-Dichlorobenzene	6.851	146	180467	46.309	ng		98
14) 1,2-Dichlorobenzene	7.004	146	171019	46.957	ng		100
15) Benzyl Alcohol	6.992	79	161697	50.963	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	287365	46.815	ng		52
17) 2-Methylphenol	7.104	107	137700	48.340	ng	#	84
18) Hexachloroethane	7.339	117	69622	47.461	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	136481	51.331	ng		95
20) 3+4-Methylphenols	7.263	107	184486	50.477	ng	#	74
22) Acetophenone	7.251	105	237547	44.997	ng		99
24) Nitrobenzene	7.428	77	201931	44.999	ng		99
25) Isophorone	7.663	82	353954	47.004	ng		97
26) 2-Nitrophenol	7.739	139	91698	47.496	ng		90
27) 2,4-Dimethylphenol	7.781	122	115941	50.192	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	204979	44.700	ng		98
29) 2,4-Dichlorophenol	7.992	162	140314	47.271	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	152633	44.558	ng		99
31) Naphthalene	8.139	128	507738	44.738	ng		100
32) Benzoic acid	7.945	122	52263m	28.782	ng		
33) 4-Chloroaniline	8.198	127	103130	27.071	ng		98
34) Hexachlorobutadiene	8.251	225	95704	46.127	ng		99
35) Caprolactam	8.586	113	46052m	51.995	ng		
36) 4-Chloro-3-methylphenol	8.692	107	164645	48.535	ng		99
37) 2-Methylnaphthalene	8.828	142	333637	46.548	ng		100
38) 1-Methylnaphthalene	8.928	142	310022	44.141	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	143996	42.227	ng		98
41) Hexachlorocyclopentadiene	8.975	237	72691	80.489	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	90283	43.423	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	94910	41.756	ng		98
46) 1,1'-Biphenyl	9.292	154	400417	41.648	ng		99
47) 2-Chloronaphthalene	9.322	162	314390	43.968	ng		99
48) 2-Nitroaniline	9.427	65	117545	48.491	ng		95
49) Acenaphthylene	9.733	152	484117	47.737	ng		99
50) Dimethylphthalate	9.598	163	380902	48.527	ng		99
51) 2,6-Dinitrotoluene	9.669	165	81804	46.179	ng	#	85
52) Acenaphthene	9.910	154	298228	43.746	ng		99
53) 3-Nitroaniline	9.845	138	59904	32.712	ng		99
54) 2,4-Dinitrophenol	9.963	184	62663	76.844	ng		86
55) Dibenzofuran	10.080	168	445240	46.267	ng		97
56) 4-Nitrophenol	10.027	139	70166	63.716	ng		83
57) 2,4-Dinitrotoluene	10.080	165	111288	49.241	ng	#	81
58) Fluorene	10.422	166	363322	47.411	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	81931m	47.149	ng		
60) Diethylphthalate	10.298	149	375290	50.425	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	178540	47.371	ng		95
62) 4-Nitroaniline	10.463	138	75683m	43.489	ng		
63) Azobenzene	10.574	77	393574	47.680	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	56948	45.241	ng		91
66) n-Nitrosodiphenylamine	10.533	169	308937	47.902	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	102873	46.051	ng		96
68) Hexachlorobenzene	10.969	284	104054	45.113	ng		98
69) Atrazine	11.063	200	86795	52.162	ng		98
70) Pentachlorophenol	11.174	266	60555	58.246	ng		98
71) Phenanthrene	11.386	178	508833	47.894	ng		100
72) Anthracene	11.439	178	513235	49.037	ng		100
73) Carbazole	11.598	167	425845	47.160	ng		99
74) Di-n-butylphthalate	11.916	149	569851	56.138	ng		99
75) Fluoranthene	12.574	202	469147	47.301	ng		99
77) Benzidine	12.704	184	21625	8.692	ng		99
78) Pyrene	12.804	202	460078	46.977	ng		99
80) Butylbenzylphthalate	13.410	149	175235	55.875	ng		99
81) Benzo(a)anthracene	13.992	228	324385	45.287	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	69543	37.939	ng		98
83) Chrysene	14.033	228	310204	48.002	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	217773	47.420	ng		98
85) Di-n-octyl phthalate	14.574	149	335755	39.516	ng		98
87) Indeno(1,2,3-cd)pyrene	16.956	276	311587	45.746	ng		96
88) Benzo(b)fluoranthene	15.045	252	289620	49.156	ng		97
89) Benzo(k)fluoranthene	15.074	252	274177	53.747	ng		98
90) Benzo(a)pyrene	15.409	252	264638	53.399	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	254596	45.536	ng		98
92) Benzo(g,h,i)perylene	17.398	276	239150	41.219	ng		96

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

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