Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
Data File : BG060985.D
Acq On : 21 Apr 2024 3:12
Operator : MA/JU
Sample : PB160360BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 22 04:40:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160360BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	19603	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	74605	20.000	ng	#	0.00
39) Acenaphthene-d10	14.568	164	67319	20.000	ng		0.00
64) Phenanthrene-d10	17.317	188	177596	20.000	ng	#	0.00
76) Chrysene-d12	21.577	240	187294	20.000	ng	#	0.00
86) Perylene-d12	24.703	264	225596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	143830	148.412	ng		0.00
7) Phenol-d6	7.106	99	206529	143.630	ng		0.00
23) Nitrobenzene-d5	9.092	82	142493	85.813	ng		0.00
42) 2,4,6-Tribromophenol	16.060	330	199648	135.055	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	423946	87.159	ng		0.00
79) Terphenyl-d14	19.938	244	1022224	84.719	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.445	88	11556	34.454	ng		92
3) Pyridine	3.827	79	31995	30.861	ng		91
4) n-Nitrosodimethylamine	3.745	42	38395	41.176	ng	#	90
6) Aniline	7.259	93	46668	27.004	ng		94
8) 2-Chlorophenol	7.505	128	58844	48.731	ng		99
9) Benzaldehyde	7.071	77	2940	3.975	ng		90
10) Phenol	7.135	94	68777	48.143	ng		96
11) bis(2-Chloroethyl)ether	7.358	93	45086	44.111	ng		98
12) 1,3-Dichlorobenzene	7.829	146	60122	44.898	ng		92
13) 1,4-Dichlorobenzene	7.975	146	62831	45.552	ng		99
14) 1,2-Dichlorobenzene	8.287	146	60206	44.663	ng		97
15) Benzyl Alcohol	8.169	79	59657	43.942	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.457	45	98896	44.448	ng		97
17) 2-Methylphenol	8.381	107	50078	43.413	ng		97
18) Hexachloroethane	9.021	117	21723	43.707	ng		93
19) n-Nitroso-di-n-propyla...	8.739	70	43724	40.802	ng		98
20) 3+4-Methylphenols	8.704	107	69239	42.919	ng		96
22) Acetophenone	8.757	105	91708	44.022	ng	#	97
24) Nitrobenzene	9.133	77	67353	42.212	ng		95
25) Isophorone	9.656	82	116924	42.075	ng		99
26) 2-Nitrophenol	9.844	139	33845	45.132	ng		94
27) 2,4-Dimethylphenol	9.908	122	43748	36.396	ng		95
28) bis(2-Chloroethoxy)met...	10.143	93	62879	43.013	ng		95
29) 2,4-Dichlorophenol	10.384	162	65591	47.280	ng		98
30) 1,2,4-Trichlorobenzene	10.596	180	70155	45.834	ng		97
31) Naphthalene	10.784	128	174843	42.807	ng		99
32) Benzoic acid	10.049	122	43572m	47.576	ng		
33) 4-Chloroaniline	10.884	127	33613	18.116	ng	#	96
34) Hexachlorobutadiene	11.078	225	60597	45.016	ng		96
35) Caprolactam	11.653	113	20666m	46.769	ng		
36) 4-Chloro-3-methylphenol	12.018	107	72141	44.587	ng		96
37) 2-Methylnaphthalene	12.394	142	135872	42.309	ng		94
38) 1-Methylnaphthalene	12.611	142	124805	41.646	ng		99
40) 1,2,4,5-Tetrachloroben...	12.758	216	111930	46.787	ng		98
41) Hexachlorocyclopentadiene	12.740	237	139306	98.963	ng		97
43) 2,4,6-Trichlorophenol	12.999	196	74642	47.464	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.075	196	80353	43.195	ng		98
46)	1,1'-Biphenyl	13.404	154	204680	45.138	ng		97
47)	2-Chloronaphthalene	13.445	162	161296	46.392	ng		94
48)	2-Nitroaniline	13.639	65	60749	43.294	ng		96
49)	Acenaphthylene	14.292	152	274001	46.794	ng		100
50)	Dimethylphthalate	14.027	163	242122	43.616	ng		99
51)	2,6-Dinitrotoluene	14.139	165	51333	44.318	ng		97
52)	Acenaphthene	14.632	154	149921	42.137	ng		96
53)	3-Nitroaniline	14.468	138	30733	26.909	ng		98
54)	2,4-Dinitrophenol	14.673	184	69389	91.122	ng		98
55)	Dibenzofuran	14.967	168	270554	44.036	ng		99
56)	4-Nitrophenol	14.785	139	81886	100.075	ng		98
57)	2,4-Dinitrotoluene	14.932	165	75839	45.461	ng		95
58)	Fluorene	15.619	166	225335	43.453	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.196	232	85962	45.785	ng		99
60)	Diethylphthalate	15.396	149	237074	43.366	ng		99
61)	4-Chlorophenyl-phenyle...	15.614	204	134525	42.062	ng		98
62)	4-Nitroaniline	15.637	138	52154	42.349	ng		98
63)	Azobenzene	15.907	77	193971	43.622	ng		98
65)	4,6-Dinitro-2-methylph...	15.696	198	51735	47.178	ng		97
66)	n-Nitrosodiphenylamine	15.825	169	209667	42.852	ng		99
67)	4-Bromophenyl-phenylether	16.507	248	99895	42.620	ng		97
68)	Hexachlorobenzene	16.624	284	122241	47.217	ng		99
69)	Atrazine	16.777	200	94039	51.353	ng		94
70)	Pentachlorophenol	16.965	266	160187	94.359	ng		98
71)	Phenanthrene	17.359	178	400420	44.172	ng		99
72)	Anthracene	17.453	178	410814	44.002	ng		99
73)	Carbazole	17.717	167	355485	45.847	ng		99
74)	Di-n-butylphthalate	18.287	149	413900	43.967	ng		99
75)	Fluoranthene	19.374	202	538377	44.751	ng		98
77)	Benzidine	19.550	184	157367	45.346	ng		97
78)	Pyrene	19.732	202	551075	43.212	ng		99
80)	Butylbenzylphthalate	20.631	149	186982	43.990	ng		98
81)	Benzo(a)anthracene	21.560	228	597307	45.361	ng		99
82)	3,3'-Dichlorobenzidine	21.477	252	158124	33.227	ng	#	99
83)	Chrysene	21.624	228	558093	44.516	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.489	149	266412	43.110	ng	#	97
85)	Di-n-octyl phthalate	22.676	149	454333	44.282	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.240	276	737408	47.119	ng		100
88)	Benzo(b)fluoranthene	23.716	252	590687	46.204	ng		97
89)	Benzo(k)fluoranthene	23.780	252	581859	45.086	ng		99
90)	Benzo(a)pyrene	24.556	252	548504	44.326	ng		100
91)	Dibenzo(a,h)anthracene	28.310	278	590228	46.162	ng		96
92)	Benzo(g,h,i)perylene	29.356	276	547620	43.196	ng		99

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

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