Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059948.D
Acq On : 5 Dec 2023 13:59
Operator : MA/JU
Sample : PB157473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 05 14:37:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB157473BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	74775	20.000	ng		# 0.00
21) Naphthalene-d8	10.766	136	295851	20.000	ng		# 0.00
39) Acenaphthene-d10	14.597	164	304778	20.000	ng		0.00
64) Phenanthrene-d10	17.347	188	1102115	20.000	ng		# 0.00
76) Chrysene-d12	21.624	240	1652517	20.000	ng		0.00
86) Perylene-d12	24.815	264	1794097	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	539921	145.079	ng		0.00
7) Phenol-d6	7.118	99	866262	147.683	ng		0.00
23) Nitrobenzene-d5	9.121	82	651187	78.681	ng		0.00
42) 2,4,6-Tribromophenol	16.089	330	1424474	145.266	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	2305315	82.499	ng		0.00
79) Terphenyl-d14	19.973	244	6095654	63.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	44773	35.583	ng		95
3) Pyridine	3.821	79	112709	30.015	ng		92
4) n-Nitrosodimethylamine	3.739	42	81432	41.251	ng	#	88
6) Aniline	7.282	93	257048	39.706	ng		99
8) 2-Chlorophenol	7.523	128	183514	50.552	ng		96
9) Benzaldehyde	7.088	77	94010m	21.574	ng		
10) Phenol	7.147	94	293052	49.948	ng		95
11) bis(2-Chloroethyl)ether	7.376	93	176899	43.326	ng		90
12) 1,3-Dichlorobenzene	7.846	146	220987	42.298	ng		94
13) 1,4-Dichlorobenzene	7.993	146	233940	43.255	ng		93
14) 1,2-Dichlorobenzene	8.310	146	233555	44.049	ng		92
15) Benzyl Alcohol	8.193	79	300270	51.802	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	95195m	44.394	ng		
17) 2-Methylphenol	8.398	107	196589	49.724	ng		89
18) Hexachloroethane	9.045	117	86511	41.226	ng		89
19) n-Nitroso-di-n-propyla...	8.763	70	200297	45.565	ng		94
20) 3+4-Methylphenols	8.722	107	286356	51.042	ng		94
22) Acetophenone	8.780	105	393338	41.605	ng		97
24) Nitrobenzene	9.162	77	318342	38.440	ng		98
25) Isophorone	9.685	82	561148	39.436	ng		96
26) 2-Nitrophenol	9.873	139	105385	40.016	ng	#	82
27) 2,4-Dimethylphenol	9.932	122	202384	55.985	ng		92
28) bis(2-Chloroethoxy)met...	10.173	93	274110	41.002	ng		93
29) 2,4-Dichlorophenol	10.408	162	340696	47.334	ng		89
30) 1,2,4-Trichlorobenzene	10.625	180	422461	40.250	ng		96
31) Naphthalene	10.819	128	641838	42.205	ng		98
32) Benzoic acid	10.067	122	158242	45.905	ng		98
33) 4-Chloroaniline	10.919	127	196712	33.167	ng		92
34) Hexachlorobutadiene	11.101	225	464713	39.490	ng		97
35) Caprolactam	11.695	113	72372m	47.808	ng		
36) 4-Chloro-3-methylphenol	12.041	107	280088	47.254	ng		94
37) 2-Methylnaphthalene	12.423	142	555466	43.032	ng		97
38) 1-Methylnaphthalene	12.646	142	518651	41.143	ng		91
40) 1,2,4,5-Tetrachloroben...	12.793	216	953515	43.825	ng		99
41) Hexachlorocyclopentadiene	12.776	237	1193939	108.297	ng		92
43) 2,4,6-Trichlorophenol	13.028	196	503438	45.187	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	574127	46.863	ng		95
46) 1,1'-Biphenyl	13.434	154	983080	44.137	ng		98
47) 2-Chloronaphthalene	13.475	162	832150	41.758	ng		95
48) 2-Nitroaniline	13.675	65	181643	48.088	ng		100
49) Acenaphthylene	14.321	152	1179230	44.214	ng		97
50) Dimethylphthalate	14.057	163	1180475	45.499	ng		98
51) 2,6-Dinitrotoluene	14.174	165	230622	40.571	ng		99
52) Acenaphthene	14.668	154	992487m	51.559	ng		
53) 3-Nitroaniline	14.497	138	137825	39.083	ng		97
54) 2,4-Dinitrophenol	14.703	184	476663	96.141	ng		87
55) Dibenzofuran	14.997	168	1457839	44.899	ng		96
56) 4-Nitrophenol	14.803	139	275515	90.024	ng	#	84
57) 2,4-Dinitrotoluene	14.956	165	359980	45.533	ng	#	97
58) Fluorene	15.649	166	1253985	45.384	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.220	232	718987	49.333	ng		97
60) Diethylphthalate	15.426	149	1028387	44.502	ng		98
61) 4-Chlorophenyl-phenyle...	15.643	204	1129303	45.055	ng		97
62) 4-Nitroaniline	15.666	138	179371	44.190	ng		93
63) Azobenzene	15.937	77	1032920	43.087	ng		94
65) 4,6-Dinitro-2-methylph...	15.719	198	382626	45.409	ng		96
66) n-Nitrosodiphenylamine	15.854	169	1172258	46.434	ng		96
67) 4-Bromophenyl-phenylether	16.536	248	849274	44.978	ng	#	94
68) Hexachlorobenzene	16.648	284	931536	44.401	ng		94
69) Atrazine	16.806	200	477301	38.317	ng		96
70) Pentachlorophenol	16.994	266	1297259	85.330	ng		96
71) Phenanthrene	17.394	178	2423582	46.571	ng		98
72) Anthracene	17.482	178	2433379	45.745	ng		99
73) Carbazole	17.746	167	1847351	45.693	ng		96
74) Di-n-butylphthalate	18.316	149	1647641	47.117	ng		99
75) Fluoranthene	19.403	202	3674269	42.960	ng		98
77) Benzidine	19.585	184	825116	59.243	ng		97
78) Pyrene	19.768	202	3760478	42.760	ng		93
80) Butylbenzylphthalate	20.666	149	566666	45.423	ng		96
81) Benzo(a)anthracene	21.607	228	4735163	42.947	ng		94
82) 3,3'-Dichlorobenzidine	21.524	252	1894442	52.317	ng	#	99
83) Chrysene	21.671	228	4346004	42.042	ng		93
84) Bis(2-ethylhexyl)phtha...	21.524	149	904682	47.392	ng		97
85) Di-n-octyl phthalate	22.735	149	1584162	48.019	ng		99
87) Indeno(1,2,3-cd)pyrene	28.463	276	6512874	49.160	ng	#	99
88) Benzo(b)fluoranthene	23.804	252	5341620m	48.169	ng		
89) Benzo(k)fluoranthene	23.874	252	5196714	48.093	ng	#	97
90) Benzo(a)pyrene	24.668	252	4673800	47.193	ng	#	95
91) Dibenzo(a,h)anthracene	28.540	278	5596701	49.756	ng		96
92) Benzo(g,h,i)perylene	29.615	276	5249297	48.253	ng		96

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

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