Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
Data File : BG060834.D
Acq On : 8 Apr 2024 20:37
Operator : MA/JU
Sample : PB160074BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 09 01:25:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160074BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.949	152	52969	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	228087	20.000	ng		-0.01
39) Acenaphthene-d10	14.577	164	180046	20.000	ng		-0.01
64) Phenanthrene-d10	17.327	188	448725	20.000	ng		-0.01
76) Chrysene-d12	21.586	240	432087	20.000	ng		-0.02
86) Perylene-d12	24.712	264	495684	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	454068	142.806	ng		0.00
7) Phenol-d6	7.115	99	621063	131.587	ng		0.00
23) Nitrobenzene-d5	9.101	82	410253	102.635	ng		-0.01
42) 2,4,6-Tribromophenol	16.069	330	368469	180.285	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	1054196	85.932	ng		-0.02
79) Terphenyl-d14	19.947	244	2083991	84.927	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	48721	37.374	ng		98
3) Pyridine	3.837	79	132556	33.710	ng	#	86
4) n-Nitrosodimethylamine	3.754	42	109917	46.764	ng		96
6) Aniline	7.274	93	139922	23.476	ng		98
8) 2-Chlorophenol	7.515	128	181473	50.343	ng		98
9) Benzaldehyde	7.080	77	29122m	11.190	ng		
10) Phenol	7.139	94	231786	48.120	ng		97
11) bis(2-Chloroethyl)ether	7.368	93	159562	41.030	ng		96
12) 1,3-Dichlorobenzene	7.838	146	176019	46.955	ng		93
13) 1,4-Dichlorobenzene	7.985	146	179331	46.891	ng		98
14) 1,2-Dichlorobenzene	8.302	146	177905	47.468	ng		97
15) Benzyl Alcohol	8.179	79	177719	46.485	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.467	45	396535	45.181	ng		99
17) 2-Methylphenol	8.390	107	160984	44.271	ng		99
18) Hexachloroethane	9.031	117	65422	48.165	ng	#	88
19) n-Nitroso-di-n-propyla...	8.754	70	148703	41.315	ng		98
20) 3+4-Methylphenols	8.713	107	223745	44.934	ng		93
22) Acetophenone	8.766	105	284251	45.197	ng	#	97
24) Nitrobenzene	9.142	77	213896	48.069	ng		97
25) Isophorone	9.671	82	385860	41.911	ng		98
26) 2-Nitrophenol	9.853	139	91846	56.801	ng		90
27) 2,4-Dimethylphenol	9.918	122	140821	38.077	ng		98
28) bis(2-Chloroethoxy)met...	10.153	93	231660	42.620	ng		99
29) 2,4-Dichlorophenol	10.388	162	184352	54.283	ng		99
30) 1,2,4-Trichlorobenzene	10.605	180	192086	49.950	ng		98
31) Naphthalene	10.793	128	544130	44.101	ng		99
32) Benzoic acid	10.059	122	140986	55.973	ng		94
33) 4-Chloroaniline	10.893	127	90907	15.863	ng		96
34) Hexachlorobutadiene	11.087	225	131895	51.463	ng		99
35) Caprolactam	11.669	113	65272m	48.527	ng		
36) 4-Chloro-3-methylphenol	12.027	107	214676	49.483	ng		97
37) 2-Methylnaphthalene	12.403	142	396068	43.663	ng		98
38) 1-Methylnaphthalene	12.620	142	370078	43.187	ng		98
40) 1,2,4,5-Tetrachloroben...	12.767	216	250797	48.453	ng		99
41) Hexachlorocyclopentadiene	12.756	237	298575	113.443	ng		98
43) 2,4,6-Trichlorophenol	13.008	196	178181	53.460	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	198883	50.002	ng		98
46) 1,1'-Biphenyl	13.414	154	563839	44.336	ng		99
47) 2-Chloronaphthalene	13.455	162	442925	45.841	ng		97
48) 2-Nitroaniline	13.649	65	177548	55.252	ng		93
49) Acenaphthylene	14.301	152	764253	47.075	ng		99
50) Dimethylphthalate	14.036	163	631278	44.359	ng		99
51) 2,6-Dinitrotoluene	14.148	165	132476	51.702	ng		96
52) Acenaphthene	14.642	154	527932m	51.792	ng		
53) 3-Nitroaniline	14.477	138	79399	29.570	ng		96
54) 2,4-Dinitrophenol	14.683	184	169538	171.154	ng		90
55) Dibenzofuran	14.977	168	714650	44.448	ng		98
56) 4-Nitrophenol	14.789	139	246003	118.247	ng		97
57) 2,4-Dinitrotoluene	14.935	165	192871	57.009	ng		98
58) Fluorene	15.629	166	593067	45.959	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	192285	55.472	ng		98
60) Diethylphthalate	15.405	149	635636	44.396	ng		99
61) 4-Chlorophenyl-phenyle...	15.623	204	316859	46.414	ng		95
62) 4-Nitroaniline	15.640	138	144115	55.389	ng		97
63) Azobenzene	15.917	77	612487	43.901	ng		97
65) 4,6-Dinitro-2-methylph...	15.699	198	120375	62.512	ng		98
66) n-Nitrosodiphenylamine	15.834	169	560719	43.728	ng		98
67) 4-Bromophenyl-phenylether	16.522	248	223457	49.069	ng		97
68) Hexachlorobenzene	16.633	284	261881	50.941	ng		97
69) Atrazine	16.792	200	221875	49.480	ng		98
70) Pentachlorophenol	16.974	266	359965	107.311	ng		98
71) Phenanthrene	17.368	178	1040876	44.602	ng		99
72) Anthracene	17.462	178	1075628	45.384	ng		100
73) Carbazole	17.726	167	958763	45.882	ng		98
74) Di-n-butylphthalate	18.302	149	1117181	42.883	ng		99
75) Fluoranthene	19.377	202	1299231	45.879	ng		98
77) Benzidine	19.559	184	341568	30.021	ng		99
78) Pyrene	19.742	202	1349855	44.669	ng		99
80) Butylbenzylphthalate	20.646	149	499517	45.314	ng		95
81) Benzo(a)anthracene	21.569	228	1402017	46.032	ng		98
82) 3,3'-Dichlorobenzidine	21.487	252	330291	32.117	ng		97
83) Chrysene	21.633	228	1339684	45.635	ng		98
84) Bis(2-ethylhexyl)phtha...	21.510	149	735539	41.863	ng		98
85) Di-n-octyl phthalate	22.703	149	1288432	45.013	ng		99
87) Indeno(1,2,3-cd)pyrene	28.279	276	1712871	49.071	ng		98
88) Benzo(b)fluoranthene	23.731	252	1409275	49.488	ng		99
89) Benzo(k)fluoranthene	23.801	252	1371149	47.042	ng	#	97
90) Benzo(a)pyrene	24.577	252	1294096	46.762	ng	#	97
91) Dibenzo(a,h)anthracene	28.349	278	1401359	47.625	ng	#	95
92) Benzo(g,h,i)perylene	29.383	276	1312436	45.851	ng		96

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

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