Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
Data File : BG060840.D
Acq On : 9 Apr 2024 11:31
Operator : MA/JU
Sample : PB160074BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 09 23:40:32 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	7.946	152	55402	20.000	ng		-0.01
21) Naphthalene-d8	10.743	136	224827	20.000	ng		-0.01
39) Acenaphthene-d10	14.580	164	180582	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	442909	20.000	ng		-0.02
76) Chrysene-d12	21.589	240	421686	20.000	ng		-0.02
86) Perylene-d12	24.721	264	494042	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.531	112	431811	129.842	ng		0.00
7) Phenol-d6	7.118	99	606901	122.940	ng		0.00
23) Nitrobenzene-d5	9.104	82	394727	100.183	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	351255	171.352	ng		0.00
45) 2-Fluorobiphenyl	13.205	172	1012231	82.266	ng		-0.02
79) Terphenyl-d14	19.950	244	1979319	82.650	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	48007	35.209	ng		97
3) Pyridine	3.839	79	125534	30.523	ng		84
4) n-Nitrosodimethylamine	3.757	42	106808	43.445	ng		96
6) Aniline	7.271	93	144884	23.241	ng		96
8) 2-Chlorophenol	7.512	128	177874	47.177	ng		96
9) Benzaldehyde	7.083	77	31727m	11.655	ng		
10) Phenol	7.141	94	232099	46.069	ng		98
11) bis(2-Chloroethyl)ether	7.370	93	158670	39.008	ng		99
12) 1,3-Dichlorobenzene	7.841	146	169193	43.152	ng		96
13) 1,4-Dichlorobenzene	7.982	146	176071	44.016	ng		99
14) 1,2-Dichlorobenzene	8.299	146	169978	43.361	ng		98
15) Benzyl Alcohol	8.181	79	169815	42.467	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.469	45	386281	42.080	ng		99
17) 2-Methylphenol	8.387	107	158981	41.801	ng		99
18) Hexachloroethane	9.033	117	62889	44.267	ng		90
19) n-Nitroso-di-n-propyla...	8.751	70	143724	38.178	ng	#	99
20) 3+4-Methylphenols	8.716	107	216785	41.624	ng		92
22) Acetophenone	8.763	105	272941	44.028	ng		98
24) Nitrobenzene	9.145	77	205303	46.880	ng		99
25) Isophorone	9.668	82	380340	41.911	ng		99
26) 2-Nitrophenol	9.856	139	87821	55.413	ng		94
27) 2,4-Dimethylphenol	9.920	122	132880	36.451	ng		98
28) bis(2-Chloroethoxy)met...	10.155	93	226536	42.282	ng		98
29) 2,4-Dichlorophenol	10.390	162	179549	53.635	ng		96
30) 1,2,4-Trichlorobenzene	10.608	180	182489	48.142	ng		98
31) Naphthalene	10.796	128	522638	42.974	ng		99
32) Benzoic acid	10.056	122	125236	51.117	ng		95
33) 4-Chloroaniline	10.896	127	93910	16.625	ng		96
34) Hexachlorobutadiene	11.090	225	127300	50.390	ng		95
35) Caprolactam	11.665	113	61187m	46.149	ng		
36) 4-Chloro-3-methylphenol	12.024	107	205219	47.989	ng		98
37) 2-Methylnaphthalene	12.400	142	376834	42.145	ng		98
38) 1-Methylnaphthalene	12.623	142	351021	41.557	ng		94
40) 1,2,4,5-Tetrachloroben...	12.770	216	242453	46.702	ng		99
41) Hexachlorocyclopentadiene	12.758	237	275432	104.339	ng		98
43) 2,4,6-Trichlorophenol	13.005	196	169713	50.768	ng		98

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44) 2,4,5-Trichlorophenol	13.081	196	194073	48.647	ng		97
46) 1,1'-Biphenyl	13.410	154	550186	43.134	ng		97
47) 2-Chloronaphthalene	13.452	162	429800	44.350	ng		98
48) 2-Nitroaniline	13.651	65	164906	51.777	ng		98
49) Acenaphthylene	14.298	152	729471	44.799	ng		99
50) Dimethylphthalate	14.039	163	603943	42.313	ng		99
51) 2,6-Dinitrotoluene	14.151	165	126989	49.568	ng		92
52) Acenaphthene	14.644	154	500250m	48.931	ng		
53) 3-Nitroaniline	14.474	138	78502	29.189	ng	#	98
54) 2,4-Dinitrophenol	14.685	184	157167	158.194	ng		88
55) Dibenzofuran	14.979	168	684232	42.430	ng		98
56) 4-Nitrophenol	14.791	139	232967	111.649	ng		97
57) 2,4-Dinitrotoluene	14.938	165	187869	55.540	ng		91
58) Fluorene	15.626	166	562494	43.461	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.203	232	185960	53.488	ng		97
60) Diethylphthalate	15.408	149	606768	42.254	ng		99
61) 4-Chlorophenyl-phenyle...	15.626	204	303571	44.335	ng		96
62) 4-Nitroaniline	15.643	138	136425	52.278	ng		95
63) Azobenzene	15.919	77	578691	41.355	ng		97
65) 4,6-Dinitro-2-methylph...	15.702	198	112303	59.471	ng		99
66) n-Nitrosodiphenylamine	15.837	169	533733	42.170	ng		99
67) 4-Bromophenyl-phenylether	16.519	248	213351	47.465	ng		99
68) Hexachlorobenzene	16.630	284	244090	48.104	ng		99
69) Atrazine	16.789	200	214042	48.360	ng		98
70) Pentachlorophenol	16.977	266	340911	102.965	ng		96
71) Phenanthrene	17.371	178	1004937	43.627	ng		100
72) Anthracene	17.459	178	1018223	43.526	ng		98
73) Carbazole	17.729	167	917056	44.462	ng		99
74) Di-n-butylphthalate	18.305	149	1069274	41.583	ng		99
75) Fluoranthene	19.380	202	1248366	44.662	ng		97
77) Benzidine	19.562	184	325552	29.319	ng		98
78) Pyrene	19.744	202	1290426	43.756	ng		99
80) Butylbenzylphthalate	20.649	149	473752	44.036	ng		92
81) Benzo(a)anthracene	21.572	228	1333718	44.869	ng		99
82) 3,3'-Dichlorobenzidine	21.489	252	316451	31.530	ng		98
83) Chrysene	21.636	228	1271685	44.387	ng		99
84) Bis(2-ethylhexyl)phtha...	21.507	149	695349	40.552	ng		98
85) Di-n-octyl phthalate	22.705	149	1204627	43.123	ng		100
87) Indeno(1,2,3-cd)pyrene	28.281	276	1611436	46.318	ng	#	97
88) Benzo(b)fluoranthene	23.734	252	1286974	45.344	ng		99
89) Benzo(k)fluoranthene	23.804	252	1345534m	46.317	ng		
90) Benzo(a)pyrene	24.580	252	1233645	44.726	ng		97
91) Dibenzo(a,h)anthracene	28.346	278	1319837	45.003	ng	#	96
92) Benzo(g,h,i)perylene	29.386	276	1226122	42.978	ng		96

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

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