Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060652.D
Acq On : 15 Mar 2024 00:41
Operator : MA/JU
Sample : PB159586BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 15 02:20:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB159586BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	104909	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	497758	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	316713	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	689764	20.000	ng	0.00
76) Chrysene-d12	22.014	240	597115	20.000	ng	-0.01
86) Perylene-d12	25.568	264	646404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	963301	144.344	ng	0.00
7) Phenol-d6	7.443	99	1317535	136.097	ng	0.00
23) Nitrobenzene-d5	9.522	82	806028	84.275	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	508307	138.501	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	1970288	84.111	ng	0.00
79) Terphenyl-d14	20.275	244	2716278	82.225	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.641	88	92469	33.102	ng	99
3) Pyridine	4.064	79	241662	29.271	ng	94
4) n-Nitrosodimethylamine	3.988	42	169984	41.972	ng	98
6) Aniline	7.648	93	282725	23.900	ng	96
8) 2-Chlorophenol	7.871	128	368831	50.558	ng	96
9) Benzaldehyde	7.466	77	257593	47.533	ng	97
10) Phenol	7.466	94	484516	49.880	ng	97
11) bis(2-Chloroethyl)ether	7.736	93	333063	43.013	ng	99
12) 1,3-Dichlorobenzene	8.206	146	346599	44.057	ng	97
13) 1,4-Dichlorobenzene	8.359	146	358710	44.981	ng	99
14) 1,2-Dichlorobenzene	8.676	146	352187	44.467	ng	99
15) Benzyl Alcohol	8.565	79	348349	45.514	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.829	45	644136	42.849	ng	99
17) 2-Methylphenol	8.741	107	336438	45.106	ng	96
18) Hexachloroethane	9.411	117	123464	45.322	ng	96
19) n-Nitroso-di-n-propyla...	9.135	70	289716	43.174	ng	99
20) 3+4-Methylphenols	9.076	107	455407	45.270	ng	97
22) Acetophenone	9.164	105	573059	42.941	ng	99
24) Nitrobenzene	9.564	77	416151	43.522	ng	97
25) Isophorone	10.075	82	830991	43.410	ng	98
26) 2-Nitrophenol	10.275	139	181066	46.805	ng	93
27) 2,4-Dimethylphenol	10.292	122	330090	38.960	ng	99
28) bis(2-Chloroethoxy)met...	10.557	93	498536	43.442	ng	98
29) 2,4-Dichlorophenol	10.792	162	365527	48.070	ng	98
30) 1,2,4-Trichlorobenzene	11.015	180	353802	43.820	ng	97
31) Naphthalene	11.220	128	1177601	42.356	ng	98
32) Benzoic acid	10.421	122	273525m	48.985	ng	
33) 4-Chloroaniline	11.332	127	170840	14.572	ng	94
34) Hexachlorobutadiene	11.450	225	235269	42.721	ng	95
35) Caprolactam	12.131	113	117974m	46.088	ng	
36) 4-Chloro-3-methylphenol	12.401	107	429857	46.128	ng	98
37) 2-Methylnaphthalene	12.795	142	788779	41.077	ng	99
38) 1-Methylnaphthalene	13.018	142	760076	42.171	ng	98
40) 1,2,4,5-Tetrachloroben...	13.142	216	445824	45.837	ng	99
41) Hexachlorocyclopentadiene	13.095	237	483511	101.090	ng	95
43) 2,4,6-Trichlorophenol	13.377	196	305126	48.857	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	323366	43.769	ng	#	90
46) 1,1'-Biphenyl	13.788	154	1084098	45.032	ng		99
47) 2-Chloronaphthalene	13.841	162	835457	45.984	ng		97
48) 2-Nitroaniline	14.052	65	293492	48.945	ng		99
49) Acenaphthylene	14.681	152	1398173	47.240	ng		99
50) Dimethylphthalate	14.393	163	1059172	44.591	ng		98
51) 2,6-Dinitrotoluene	14.534	165	218122	49.836	ng		99
52) Acenaphthene	15.016	154	781629	44.193	ng		98
53) 3-Nitroaniline	14.869	138	145857	28.943	ng		99
54) 2,4-Dinitrophenol	15.069	184	226969	99.474	ng		94
55) Dibenzofuran	15.345	168	1268118	44.283	ng		99
56) 4-Nitrophenol	15.139	139	375904	99.964	ng		98
57) 2,4-Dinitrotoluene	15.310	165	285846	51.916	ng		99
58) Fluorene	15.991	166	1029808	44.947	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.551	232	292458m	47.468	ng		
60) Diethylphthalate	15.739	149	1089285	44.570	ng		99
61) 4-Chlorophenyl-phenyle...	15.974	204	510104	43.954	ng		100
62) 4-Nitroaniline	16.038	138	237698	46.062	ng		99
63) Azobenzene	16.268	77	1123661	44.426	ng		98
65) 4,6-Dinitro-2-methylph...	16.056	198	146431	47.082	ng		91
66) n-Nitrosodiphenylamine	16.197	169	930451	43.102	ng		98
67) 4-Bromophenyl-phenylether	16.873	248	317418	42.674	ng		98
68) Hexachlorobenzene	16.961	284	386054	45.142	ng		98
69) Atrazine	17.125	200	291710	40.402	ng		99
70) Pentachlorophenol	17.319	266	491710	88.710	ng		98
71) Phenanthrene	17.742	178	1599137	43.038	ng		99
72) Anthracene	17.830	178	1606007	42.749	ng		100
73) Carbazole	18.107	167	1430577	43.794	ng		100
74) Di-n-butylphthalate	18.612	149	1774856	44.585	ng		99
75) Fluoranthene	19.728	202	1769899	43.063	ng		99
77) Benzidine	19.916	184	403331	27.615	ng		97
78) Pyrene	20.092	202	1842327	44.212	ng		99
80) Butylbenzylphthalate	20.956	149	752482	47.766	ng		98
81) Benzo(a)anthracene	21.996	228	1834068	44.610	ng		99
82) 3,3'-Dichlorobenzidine	21.908	252	452988	32.689	ng	#	94
83) Chrysene	22.067	228	1732052	43.388	ng		99
84) Bis(2-ethylhexyl)phtha...	21.832	149	1102995	47.401	ng		98
85) Di-n-octyl phthalate	23.159	149	1871626	48.844	ng		99
87) Indeno(1,2,3-cd)pyrene	29.693	276	2189502	49.658	ng	#	94
88) Benzo(b)fluoranthene	24.423	252	1759785	49.486	ng		99
89) Benzo(k)fluoranthene	24.499	252	1773646	47.475	ng		99
90) Benzo(a)pyrene	25.398	252	1603750	46.000	ng		98
91) Dibenzo(a,h)anthracene	29.781	278	1811587	48.399	ng		99
92) Benzo(g,h,i)perylene	31.015	276	1717483	47.392	ng		98

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

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