Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
Data File : BG055096.D
Acq On : 7 Oct 2022 12:29
Operator : CG/JU
Sample : PB148146BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 08 03:08:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148146BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.335	152	24739	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	110673	20.000	ng	#	0.00
39) Acenaphthene-d10	14.939	164	86716	20.000	ng		0.00
64) Phenanthrene-d10	17.677	188	229328	20.000	ng		0.00
76) Chrysene-d12	21.966	240	229380	20.000	ng		0.00
86) Perylene-d12	25.415	264	243015	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.855	112	194084	174.254	ng		0.00
7) Phenol-d6	7.465	99	267416	160.242	ng		0.00
23) Nitrobenzene-d5	9.504	82	164000	88.546	ng		0.00
42) 2,4,6-Tribromophenol	16.419	330	168449	184.174	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	429728	77.363	ng		0.00
79) Terphenyl-d14	20.250	244	964766	85.011	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.681	88	21104	33.488	ng		98
3) Pyridine	4.098	79	57719	30.458	ng		92
4) n-Nitrosodimethylamine	4.004	42	38685	35.696	ng		91
6) Aniline	7.647	93	95476	39.102	ng		97
8) 2-Chlorophenol	7.894	128	74015	57.773	ng		94
9) Benzaldehyde	7.459	77	46554	34.725	ng		96
10) Phenol	7.494	94	98367	51.870	ng		95
11) bis(2-Chloroethyl)ether	7.741	93	63290	40.719	ng		96
12) 1,3-Dichlorobenzene	8.223	146	75480	42.803	ng		98
13) 1,4-Dichlorobenzene	8.370	146	76812	43.042	ng		99
14) 1,2-Dichlorobenzene	8.693	146	75603	43.605	ng		98
15) Benzyl Alcohol	8.564	79	78033	52.059	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.858	45	107751	36.599	ng		98
17) 2-Methylphenol	8.758	107	69922	52.332	ng		96
18) Hexachloroethane	9.433	117	26435	46.715	ng		94
19) n-Nitroso-di-n-propyla...	9.140	70	62050	38.385	ng	#	96
20) 3+4-Methylphenols	9.087	107	97061	52.163	ng		99
22) Acetophenone	9.163	105	117145	41.740	ng	#	97
24) Nitrobenzene	9.551	77	88319	43.916	ng		91
25) Isophorone	10.074	82	173474	44.069	ng		98
26) 2-Nitrophenol	10.268	139	42283	72.009	ng	#	85
27) 2,4-Dimethylphenol	10.309	122	83058	61.550	ng		97
28) bis(2-Chloroethoxy)met...	10.550	93	91993	45.671	ng		97
29) 2,4-Dichlorophenol	10.796	162	83223	50.231	ng		96
30) 1,2,4-Trichlorobenzene	11.026	180	79752	41.261	ng		98
31) Naphthalene	11.220	128	234506	40.148	ng		99
32) Benzoic acid	10.415	122	61998	64.638	ng		94
33) 4-Chloroaniline	11.314	127	80762	33.437	ng		98
34) Hexachlorobutadiene	11.496	225	51695	41.246	ng		93
35) Caprolactam	12.071	113	32737m	62.361	ng		
36) 4-Chloro-3-methylphenol	12.400	107	97246	51.381	ng		95
37) 2-Methylnaphthalene	12.794	142	177540	41.245	ng		99
38) 1-Methylnaphthalene	13.012	142	170955	40.830	ng		97
40) 1,2,4,5-Tetrachloroben...	13.153	216	102918	40.648	ng		99
41) Hexachlorocyclopentadiene	13.135	237	136005	124.743	ng		98
43) 2,4,6-Trichlorophenol	13.382	196	80093	51.618	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	89275	51.017	ng		98
46) 1,1'-Biphenyl	13.781	154	249765	42.009	ng		99
47) 2-Chloronaphthalene	13.828	162	193165	40.319	ng		99
48) 2-Nitroaniline	14.016	65	71216	52.418	ng		93
49) Acenaphthylene	14.668	152	331309	41.761	ng		99
50) Dimethylphthalate	14.386	163	294019	49.956	ng		99
51) 2,6-Dinitrotoluene	14.504	165	61170	50.537	ng		84
52) Acenaphthene	15.009	154	238353	48.386	ng		99
53) 3-Nitroaniline	14.833	138	55358	39.981	ng		99
54) 2,4-Dinitrophenol	15.033	184	80971	148.009	ng	#	47
55) Dibenzofuran	15.338	168	333109	42.384	ng		97
56) 4-Nitrophenol	15.121	139	119032	108.406	ng		97
57) 2,4-Dinitrotoluene	15.285	165	91560	55.058	ng	#	84
58) Fluorene	15.979	166	268826	42.744	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	86047	53.047	ng		98
60) Diethylphthalate	15.738	149	309908	51.031	ng		97
61) 4-Chlorophenyl-phenyle...	15.967	204	148928	43.563	ng		99
62) 4-Nitroaniline	15.990	138	72804	51.420	ng		98
63) Azobenzene	16.261	77	266525	38.967	ng		96
65) 4,6-Dinitro-2-methylph...	16.043	198	53177	62.211	ng		97
66) n-Nitrosodiphenylamine	16.178	169	254846	42.671	ng		97
67) 4-Bromophenyl-phenylether	16.860	248	103369	42.620	ng		98
68) Hexachlorobenzene	16.977	284	119953	42.778	ng		96
69) Atrazine	17.113	200	116084	59.658	ng		98
70) Pentachlorophenol	17.318	266	159919	99.382	ng		96
71) Phenanthrene	17.718	178	492305	40.868	ng		99
72) Anthracene	17.806	178	494831	42.235	ng		99
73) Carbazole	18.070	167	469134	45.619	ng		99
74) Di-n-butylphthalate	18.611	149	556917	51.878	ng		100
75) Fluoranthene	19.704	202	634971	42.252	ng		99
77) Benzidine	19.874	184	316871	80.189	ng		98
78) Pyrene	20.062	202	633694	41.547	ng		99
80) Butylbenzylphthalate	20.932	149	239010	49.842	ng		97
81) Benzo(a)anthracene	21.948	228	603571	41.421	ng		99
82) 3,3'-Dichlorobenzidine	21.848	252	191957	45.316	ng		96
83) Chrysene	22.019	228	559441	39.835	ng		99
84) Bis(2-ethylhexyl)phtha...	21.831	149	344221	48.189	ng		99
85) Di-n-octyl phthalate	23.123	149	588312	48.987	ng		96
87) Indeno(1,2,3-cd)pyrene	29.386	276	742435	42.335	ng		99
88) Benzo(b)fluoranthene	24.316	252	660861	46.154	ng		98
89) Benzo(k)fluoranthene	24.392	252	628678	43.582	ng		100
90) Benzo(a)pyrene	25.256	252	572679	46.665	ng		97
91) Dibenzo(a,h)anthracene	29.463	278	642031	45.066	ng		99
92) Benzo(g,h,i)perylene	30.632	276	631587	44.164	ng		99

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

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