Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054169.D
Acq On : 30 Jun 2022 14:45
Operator : CG/JU
Sample : PB145884BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 01 04:04:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB145884BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	17361	20.000	ng		0.00
21) Naphthalene-d8	10.876	136	75384	20.000	ng		0.00
39) Acenaphthene-d10	14.690	164	62111	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	172022	20.000	ng	#	0.00
76) Chrysene-d12	21.711	240	195564	20.000	ng		0.00
86) Perylene-d12	24.966	264	198346	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	117023	128.874	ng		0.00
7) Phenol-d6	7.228	99	159771	129.702	ng		0.00
23) Nitrobenzene-d5	9.225	82	102630	76.507	ng		0.00
42) 2,4,6-Tribromophenol	16.182	330	133634	133.912	ng		0.00
45) 2-Fluorobiphenyl	13.315	172	307241	71.931	ng		0.00
79) Terphenyl-d14	20.042	244	789510	81.310	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	10932	27.540	ng	#	89
3) Pyridine	3.914	79	27463	25.927	ng		95
4) n-Nitrosodimethylamine	3.826	42	21163	45.421	ng	#	87
6) Aniline	7.386	93	54663	37.428	ng		96
8) 2-Chlorophenol	7.633	128	47166	48.647	ng		93
9) Benzaldehyde	7.198	77	8551m	11.762	ng		
10) Phenol	7.257	94	59309	47.508	ng		98
11) bis(2-Chloroethyl)ether	7.480	93	39526	41.250	ng		94
12) 1,3-Dichlorobenzene	7.956	146	48558	39.969	ng		90
13) 1,4-Dichlorobenzene	8.097	146	50848	41.666	ng		94
14) 1,2-Dichlorobenzene	8.420	146	49252	42.041	ng		98
15) Benzyl Alcohol	8.297	79	44723	48.577	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.585	45	58934	41.143	ng		98
17) 2-Methylphenol	8.509	107	41038	47.321	ng		93
18) Hexachloroethane	9.155	117	17129	42.310	ng	#	67
19) n-Nitroso-di-n-propyla...	8.867	70	35966	43.459	ng		94
20) 3+4-Methylphenols	8.838	107	56909	46.792	ng		97
22) Acetophenone	8.885	105	71064	38.782	ng	#	98
24) Nitrobenzene	9.267	77	52128	39.462	ng	#	87
25) Isophorone	9.789	82	101951	40.694	ng		95
26) 2-Nitrophenol	9.983	139	27082	46.417	ng		88
27) 2,4-Dimethylphenol	10.042	122	47013	49.783	ng		92
28) bis(2-Chloroethoxy)met...	10.271	93	57432	42.553	ng	#	97
29) 2,4-Dichlorophenol	10.524	162	56899	44.938	ng		89
30) 1,2,4-Trichlorobenzene	10.735	180	61630	39.310	ng		95
31) Naphthalene	10.923	128	141723	37.241	ng		99
32) Benzoic acid	10.183	122	26819	61.145	ng	#	78
33) 4-Chloroaniline	11.029	127	47608	30.155	ng		93
34) Hexachlorobutadiene	11.211	225	47775	39.635	ng		97
35) Caprolactam	11.793	113	18546m	53.207	ng		
36) 4-Chloro-3-methylphenol	12.151	107	57736	46.907	ng		87
37) 2-Methylnaphthalene	12.527	142	110468	39.234	ng		96
38) 1-Methylnaphthalene	12.745	142	106650	38.901	ng		99
40) 1,2,4,5-Tetrachloroben...	12.892	216	89899	37.563	ng	#	96
41) Hexachlorocyclopentadiene	12.874	237	81990	73.572	ng		97
43) 2,4,6-Trichlorophenol	13.133	196	58375	43.422	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	64779	43.155	ng	#	92
46) 1,1'-Biphenyl	13.526	154	162591	37.581	ng		97
47) 2-Chloronaphthalene	13.573	162	131007	37.416	ng		97
48) 2-Nitroaniline	13.767	65	42276	45.390	ng		90
49) Acenaphthylene	14.413	152	216972	39.852	ng		99
50) Dimethylphthalate	14.143	163	191132	40.406	ng		99
51) 2,6-Dinitrotoluene	14.261	165	42800	44.783	ng	#	79
52) Acenaphthene	14.754	154	155694m	44.862	ng		
53) 3-Nitroaniline	14.590	138	32011	34.572	ng		92
54) 2,4-Dinitrophenol	14.801	184	54772	101.760	ng	#	80
55) Dibenzofuran	15.089	168	219220	39.205	ng		94
56) 4-Nitrophenol	14.907	139	64475	98.081	ng		86
57) 2,4-Dinitrotoluene	15.048	165	63825	47.287	ng	#	86
58) Fluorene	15.735	166	182131	39.671	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.318	232	65048	44.312	ng	#	89
60) Diethylphthalate	15.500	149	192705	42.067	ng		96
61) 4-Chlorophenyl-phenyle...	15.724	204	114377	41.614	ng		90
62) 4-Nitroaniline	15.753	138	40546	41.991	ng		85
63) Azobenzene	16.017	77	147408	39.976	ng		89
65) 4,6-Dinitro-2-methylph...	15.818	198	41828	48.738	ng		84
66) n-Nitrosodiphenylamine	15.941	169	172506	38.478	ng		96
67) 4-Bromophenyl-phenylether	16.623	248	84355	39.263	ng	#	93
68) Hexachlorobenzene	16.746	284	96352	39.205	ng	#	92
69) Atrazine	16.887	200	80832	43.524	ng		94
70) Pentachlorophenol	17.093	266	106525	93.311	ng		98
71) Phenanthrene	17.480	178	336655	38.092	ng		97
72) Anthracene	17.569	178	342040	39.632	ng		99
73) Carbazole	17.839	167	303736	41.002	ng		98
74) Di-n-butylphthalate	18.391	149	350735	40.949	ng	#	98
75) Fluoranthene	19.490	202	459208	39.580	ng		97
77) Benzidine	19.660	184	158548	39.148	ng		98
78) Pyrene	19.848	202	462698	39.173	ng		98
80) Butylbenzylphthalate	20.730	149	156667	41.381	ng	#	88
81) Benzo(a)anthracene	21.693	228	502632	39.695	ng		98
82) 3,3'-Dichlorobenzidine	21.605	252	150660	39.824	ng	#	97
83) Chrysene	21.758	228	463554	38.406	ng		97
84) Bis(2-ethylhexyl)phtha...	21.593	149	228198	42.144	ng	#	95
85) Di-n-octyl phthalate	22.815	149	390165	41.923	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.697	276	591565	39.522	ng		99
88) Benzo(b)fluoranthene	23.932	252	526711	43.674	ng		99
89) Benzo(k)fluoranthene	24.002	252	493347	41.317	ng		97
90) Benzo(a)pyrene	24.813	252	498254	48.967	ng		99
91) Dibenzo(a,h)anthracene	28.755	278	524863	42.405	ng	#	98
92) Benzo(g,h,i)perylene	29.854	276	513056	42.002	ng	#	95

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

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