Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055150.D
Acq On : 12 Oct 2022 21:11
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 13 05:19:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG101322

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	30337	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	126626	20.000	ng	#	0.00
39) Acenaphthene-d10	14.909	164	99238	20.000	ng		0.00
64) Phenanthrene-d10	17.641	188	243680	20.000	ng		0.00
76) Chrysene-d12	21.924	240	225953	20.000	ng		0.00
86) Perylene-d12	25.338	264	239560	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.819	112	129690	83.639	ng		0.00
7) Phenol-d6	7.435	99	183485	79.993	ng		0.00
23) Nitrobenzene-d5	9.474	82	197192	83.508	ng		0.00
42) 2,4,6-Tribromophenol	16.389	330	118526	83.122	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	514627	84.713	ng		0.00
79) Terphenyl-d14	20.214	244	947090	84.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.646	88	28774m	43.854	ng		
3) Pyridine	4.063	79	88520	42.785	ng		98
4) n-Nitrosodimethylamine	3.969	42	45051	41.034	ng	#	89
6) Aniline	7.617	93	117288	39.821	ng		99
8) 2-Chlorophenol	7.858	128	77460	40.966	ng		98
9) Benzaldehyde	7.429	77	58949	38.213	ng		97
10) Phenol	7.459	94	102300	40.144	ng		96
11) bis(2-Chloroethyl)ether	7.706	93	73824	40.958	ng		99
12) 1,3-Dichlorobenzene	8.193	146	90222	41.053	ng		97
13) 1,4-Dichlorobenzene	8.340	146	91253	41.127	ng		98
14) 1,2-Dichlorobenzene	8.663	146	86739	40.821	ng		98
15) Benzyl Alcohol	8.534	79	81638	39.811	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.828	45	120649	40.041	ng		98
17) 2-Methylphenol	8.734	107	74152	40.443	ng		99
18) Hexachloroethane	9.404	117	31082	41.322	ng		96
19) n-Nitroso-di-n-propyla...	9.110	70	74264	40.117	ng		98
20) 3+4-Methylphenols	9.057	107	103852	39.477	ng		98
22) Acetophenone	9.127	105	131318	41.885	ng		99
24) Nitrobenzene	9.515	77	102403	41.917	ng		98
25) Isophorone	10.038	82	195077	42.540	ng		98
26) 2-Nitrophenol	10.232	139	50255	43.418	ng		96
27) 2,4-Dimethylphenol	10.273	122	75341	42.800	ng		98
28) bis(2-Chloroethoxy)met...	10.514	93	95781	42.145	ng		99
29) 2,4-Dichlorophenol	10.767	162	89803	42.685	ng		98
30) 1,2,4-Trichlorobenzene	10.990	180	96673	42.598	ng		100
31) Naphthalene	11.184	128	282390	42.404	ng		99
32) Benzoic acid	10.397	122	59038	39.773	ng		99
33) 4-Chloroaniline	11.278	127	121480	42.439	ng		96
34) Hexachlorobutadiene	11.460	225	62855	43.437	ng		97
35) Caprolactam	12.042	113	34617	40.053	ng		92
36) 4-Chloro-3-methylphenol	12.371	107	101821	42.917	ng		98
37) 2-Methylnaphthalene	12.764	142	208117	41.734	ng		99
38) 1-Methylnaphthalene	12.982	142	207306	42.609	ng		98
40) 1,2,4,5-Tetrachloroben...	13.123	216	117497	41.978	ng		99
41) Hexachlorocyclopentadiene	13.105	237	62548	44.723	ng		97
43) 2,4,6-Trichlorophenol	13.352	196	87786	43.151	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.422	196	96366	42.687	ng	99
46) 1,1'-Biphenyl	13.751	154	277645	42.141	ng	98
47) 2-Chloronaphthalene	13.798	162	224566	42.136	ng	100
48) 2-Nitroaniline	13.986	65	80230	42.196	ng	96
49) Acenaphthylene	14.639	152	374574	41.867	ng	99
50) Dimethylphthalate	14.351	163	325106	40.755	ng	100
51) 2,6-Dinitrotoluene	14.474	165	69383	42.266	ng	98
52) Acenaphthene	14.973	154	247848	42.824	ng	100
53) 3-Nitroaniline	14.803	138	78340	41.161	ng	94
54) 2,4-Dinitrophenol	15.003	184	42607	42.667	ng	95
55) Dibenzofuran	15.303	168	373853	41.402	ng	99
56) 4-Nitrophenol	15.085	139	60733	40.979	ng	93
57) 2,4-Dinitrotoluene	15.256	165	100256	41.698	ng	97
58) Fluorene	15.949	166	306043	41.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.520	232	93739	42.079	ng	100
60) Diethylphthalate	15.702	149	337539	40.172	ng	99
61) 4-Chlorophenyl-phenyle...	15.937	204	165947	41.801	ng	98
62) 4-Nitroaniline	15.961	138	82021	39.918	ng	99
63) Azobenzene	16.225	77	292070	40.944	ng	98
65) 4,6-Dinitro-2-methylph...	16.013	198	64333	44.916	ng	96
66) n-Nitrosodiphenylamine	16.143	169	275276	42.821	ng	99
67) 4-Bromophenyl-phenylether	16.824	248	114707	43.181	ng	97
68) Hexachlorobenzene	16.948	284	130703	42.809	ng	97
69) Atrazine	17.077	200	104264	41.139	ng	98
70) Pentachlorophenol	17.288	266	78215	42.996	ng	97
71) Phenanthrene	17.688	178	531047	42.015	ng	99
72) Anthracene	17.776	178	517865	41.925	ng	100
73) Carbazole	18.040	167	471303	40.979	ng	99
74) Di-n-butylphthalate	18.575	149	579758	40.948	ng	99
75) Fluoranthene	19.674	202	638876	40.435	ng	99
77) Benzidine	19.838	184	184915	36.494	ng	99
78) Pyrene	20.032	202	647116	42.962	ng	99
80) Butylbenzylphthalate	20.896	149	244755	42.329	ng	99
81) Benzo(a)anthracene	21.901	228	602212	41.656	ng	99
82) 3,3'-Dichlorobenzidine	21.807	252	201502	40.614	ng	99
83) Chrysene	21.977	228	573131	42.026	ng	100
84) Bis(2-ethylhexyl)phtha...	21.783	149	345729	41.975	ng	99
85) Di-n-octyl phthalate	23.064	149	575619	41.918	ng	99
87) Indeno(1,2,3-cd)pyrene	29.268	276	737305	41.549	ng	100
88) Benzo(b)fluoranthene	24.251	252	605392	42.399	ng	100
89) Benzo(k)fluoranthene	24.321	252	597475	41.649	ng	100
90) Benzo(a)pyrene	25.179	252	512604	41.984	ng	99
91) Dibenzo(a,h)anthracene	29.339	278	610027	41.543	ng	99
92) Benzo(g,h,i)perylene	30.508	276	603271	41.939	ng	99

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

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