Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055160.D
Acq On : 13 Oct 2022 12:09
Operator : CG/JU
Sample : PB148287BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 01:21:45 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 :
PB148287BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	27240	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	133115	20.000	ng		0.00
39) Acenaphthene-d10	14.915	164	109313	20.000	ng		0.00
64) Phenanthrene-d10	17.647	188	290110	20.000	ng		0.00
76) Chrysene-d12	21.930	240	282424	20.000	ng		0.00
86) Perylene-d12	25.344	264	296262	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.820	112	217993	156.571	ng		0.00
7) Phenol-d6	7.436	99	302267	146.761	ng		0.00
23) Nitrobenzene-d5	9.474	82	185643	74.785	ng		0.00
42) 2,4,6-Tribromophenol	16.390	330	200003	127.334	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	491684	73.476	ng		0.00
79) Terphenyl-d14	20.221	244	1112957	79.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	19120	32.454	ng		94
3) Pyridine	4.051	79	54092	29.117	ng		99
4) n-Nitrosodimethylamine	3.963	42	37329	37.866	ng		97
6) Aniline	7.612	93	113696	42.990	ng		98
8) 2-Chlorophenol	7.859	128	79078	46.576	ng		99
9) Benzaldehyde	7.424	77	50398	36.385	ng		94
10) Phenol	7.459	94	106217	46.420	ng		97
11) bis(2-Chloroethyl)ether	7.706	93	68613	42.395	ng		97
12) 1,3-Dichlorobenzene	8.188	146	78185	39.621	ng		97
13) 1,4-Dichlorobenzene	8.340	146	80084	40.196	ng		96
14) 1,2-Dichlorobenzene	8.664	146	80859	42.380	ng		98
15) Benzyl Alcohol	8.534	79	83574	45.389	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.828	45	114627	42.368	ng		98
17) 2-Methylphenol	8.728	107	74335	45.153	ng		95
18) Hexachloroethane	9.404	117	27411	40.585	ng		96
19) n-Nitroso-di-n-propyla...	9.104	70	68459	41.186	ng		98
20) 3+4-Methylphenols	9.057	107	103290	43.728	ng		96
22) Acetophenone	9.128	105	126048	38.244	ng	#	99
24) Nitrobenzene	9.515	77	97006	37.772	ng		99
25) Isophorone	10.038	82	189827	39.377	ng		99
26) 2-Nitrophenol	10.232	139	48326	39.716	ng		97
27) 2,4-Dimethylphenol	10.273	122	86931	46.977	ng		98
28) bis(2-Chloroethoxy)met...	10.514	93	101101	42.317	ng		99
29) 2,4-Dichlorophenol	10.767	162	89906	40.651	ng		100
30) 1,2,4-Trichlorobenzene	10.990	180	85781	35.956	ng		98
31) Naphthalene	11.184	128	256819	36.685	ng		99
32) Benzoic acid	10.397	122	52923	34.717	ng		96
33) 4-Chloroaniline	11.278	127	98940	32.880	ng		95
34) Hexachlorobutadiene	11.460	225	53094	34.903	ng		98
35) Caprolactam	12.042	113	37736m	41.533	ng		
36) 4-Chloro-3-methylphenol	12.371	107	104337	41.834	ng		96
37) 2-Methylnaphthalene	12.765	142	193022	36.820	ng		99
38) 1-Methylnaphthalene	12.982	142	187279	36.616	ng		100
40) 1,2,4,5-Tetrachloroben...	13.123	216	113236	36.727	ng		98
41) Hexachlorocyclopentadiene	13.105	237	140394	91.131	ng		98
43) 2,4,6-Trichlorophenol	13.352	196	83421	37.226	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	95951	38.586	ng		98
46) 1,1'-Biphenyl	13.752	154	274244	37.788	ng		99
47) 2-Chloronaphthalene	13.799	162	215921	36.780	ng		98
48) 2-Nitroaniline	13.987	65	81607	38.965	ng		94
49) Acenaphthylene	14.639	152	364394	36.975	ng		99
50) Dimethylphthalate	14.357	163	323771	36.847	ng		100
51) 2,6-Dinitrotoluene	14.474	165	70611	39.050	ng		98
52) Acenaphthene	14.974	154	267734	41.996	ng		99
53) 3-Nitroaniline	14.803	138	69608	33.203	ng		98
54) 2,4-Dinitrophenol	15.009	184	94783	86.169	ng		88
55) Dibenzofuran	15.309	168	369444	37.143	ng		97
56) 4-Nitrophenol	15.097	139	138214	84.663	ng		96
57) 2,4-Dinitrotoluene	15.256	165	105990	40.020	ng		98
58) Fluorene	15.949	166	303127	37.116	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.526	232	93910	38.270	ng		100
60) Diethylphthalate	15.708	149	347196	37.513	ng		98
61) 4-Chlorophenyl-phenyle...	15.937	204	165396	37.822	ng		98
62) 4-Nitroaniline	15.961	138	85397	37.730	ng		96
63) Azobenzene	16.225	77	297747	37.893	ng		99
65) 4,6-Dinitro-2-methylph...	16.014	198	65431	38.371	ng		98
66) n-Nitrosodiphenylamine	16.149	169	285486	37.302	ng		100
67) 4-Bromophenyl-phenylether	16.830	248	117948	37.295	ng		97
68) Hexachlorobenzene	16.954	284	134355	36.962	ng		96
69) Atrazine	17.083	200	130357	43.203	ng		99
70) Pentachlorophenol	17.289	266	168426	77.769	ng		95
71) Phenanthrene	17.688	178	555774	36.934	ng		99
72) Anthracene	17.782	178	560529	38.116	ng		99
73) Carbazole	18.041	167	530452	38.741	ng		98
74) Di-n-butylphthalate	18.575	149	637328	37.810	ng		99
75) Fluoranthene	19.674	202	703694	37.410	ng		99
77) Benzidine	19.845	184	436390	68.903	ng		99
78) Pyrene	20.033	202	700381	37.201	ng		98
80) Butylbenzylphthalate	20.896	149	280120	38.758	ng		98
81) Benzo(a)anthracene	21.907	228	669624	37.057	ng		99
82) 3,3'-Dichlorobenzidine	21.813	252	228519	36.849	ng		99
83) Chrysene	21.983	228	627237	36.797	ng		100
84) Bis(2-ethylhexyl)phtha...	21.789	149	401429	38.992	ng		100
85) Di-n-octyl phthalate	23.070	149	675249	39.341	ng		99
87) Indeno(1,2,3-cd)pyrene	29.281	276	830667	37.851	ng	#	96
88) Benzo(b)fluoranthene	24.257	252	728898	41.279	ng		99
89) Benzo(k)fluoranthene	24.328	252	698559	39.376	ng		98
90) Benzo(a)pyrene	25.185	252	638182	42.265	ng		99
91) Dibenzo(a,h)anthracene	29.351	278	721661	39.739	ng		100
92) Benzo(g,h,i)perylene	30.526	276	709826	39.902	ng		98

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

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