Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053315.D
Acq On : 26 Apr 2022 11:19
Operator : CG/JU
Sample : PB144297BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 27 03:36:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144297BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	28870	20.000	ng		0.00
21) Naphthalene-d8	10.919	136	123686	20.000	ng		0.00
39) Acenaphthene-d10	14.731	164	96436	20.000	ng		0.00
64) Phenanthrene-d10	17.474	188	231405	20.000	ng		0.00
76) Chrysene-d12	21.763	240	226104	20.000	ng		0.00
86) Perylene-d12	25.052	264	222387	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	231463	137.433	ng		0.00
7) Phenol-d6	7.271	99	340072	130.939	ng		0.00
23) Nitrobenzene-d5	9.268	82	232684	76.385	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	180411	117.588	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	530699	75.883	ng		0.00
79) Terphenyl-d14	20.077	244	1072866	80.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	22034	27.395	ng		90
3) Pyridine	3.946	79	60134	28.348	ng	#	90
4) n-Nitrosodimethylamine	3.858	42	41370	39.382	ng		87
6) Aniline	7.423	93	107952	35.865	ng		97
8) 2-Chlorophenol	7.676	128	85647	47.105	ng		99
9) Benzaldehyde	7.235	77	44416m	28.610	ng		
10) Phenol	7.300	94	119887	46.374	ng		89
11) bis(2-Chloroethyl)ether	7.517	93	82078	44.043	ng		90
12) 1,3-Dichlorobenzene	7.993	146	86173	40.786	ng		95
13) 1,4-Dichlorobenzene	8.140	146	87563	40.652	ng		94
14) 1,2-Dichlorobenzene	8.463	146	85331	41.081	ng		95
15) Benzyl Alcohol	8.340	79	100229m	43.417	ng		
16) 2,2'-oxybis(1-Chloropr...	8.628	45	128117	41.178	ng		98
17) 2-Methylphenol	8.551	107	81467	46.568	ng		96
18) Hexachloroethane	9.192	117	33322	41.254	ng		97
19) n-Nitroso-di-n-propyla...	8.910	70	79212	41.659	ng		93
20) 3+4-Methylphenols	8.880	107	113528	45.970	ng		94
22) Acetophenone	8.927	105	138478	40.356	ng		96
24) Nitrobenzene	9.309	77	122103	41.210	ng		91
25) Isophorone	9.832	82	220190	42.527	ng		96
26) 2-Nitrophenol	10.026	139	49564	40.004	ng	#	88
27) 2,4-Dimethylphenol	10.084	122	88624	49.945	ng		90
28) bis(2-Chloroethoxy)met...	10.314	93	115360	39.659	ng		99
29) 2,4-Dichlorophenol	10.572	162	95170	42.663	ng		94
30) 1,2,4-Trichlorobenzene	10.784	180	99189	39.287	ng		99
31) Naphthalene	10.971	128	268734	40.724	ng		99
32) Benzoic acid	10.249	122	45901m	40.371	ng		
33) 4-Chloroaniline	11.071	127	75279	26.639	ng		95
34) Hexachlorobutadiene	11.253	225	72575	38.698	ng		97
35) Caprolactam	11.841	113	31921m	40.597	ng		
36) 4-Chloro-3-methylphenol	12.193	107	109435	42.139	ng		93
37) 2-Methylnaphthalene	12.569	142	196136	40.168	ng		95
38) 1-Methylnaphthalene	12.787	142	187992	39.443	ng		96
40) 1,2,4,5-Tetrachloroben...	12.934	216	125576	38.340	ng		98
41) Hexachlorocyclopentadiene	12.916	237	134472	79.533	ng		93
43) 2,4,6-Trichlorophenol	13.174	196	87298	38.658	ng		99

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44) 2,4,5-Trichlorophenol	13.251	196	93710	38.942	ng		96
46) 1,1'-Biphenyl	13.568	154	271442	39.086	ng		100
47) 2-Chloronaphthalene	13.615	162	216881	39.144	ng		97
48) 2-Nitroaniline	13.809	65	82917	39.434	ng		90
49) Acenaphthylene	14.455	152	362762	41.825	ng		98
50) Dimethylphthalate	14.179	163	297197	38.530	ng		100
51) 2,6-Dinitrotoluene	14.302	165	63981	39.761	ng		87
52) Acenaphthene	14.796	154	262962m	44.708	ng		
53) 3-Nitroaniline	14.631	138	50061	29.421	ng	#	87
54) 2,4-Dinitrophenol	14.843	184	81879	79.970	ng	#	88
55) Dibenzofuran	15.131	168	350348	38.040	ng		96
56) 4-Nitrophenol	14.948	139	104410	80.458	ng	#	83
57) 2,4-Dinitrotoluene	15.089	165	93134	40.654	ng	#	84
58) Fluorene	15.777	166	287225	38.613	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.360	232	88878	38.032	ng		100
60) Diethylphthalate	15.536	149	304653	37.697	ng		99
61) 4-Chlorophenyl-phenyle...	15.765	204	158724	37.641	ng		97
62) 4-Nitroaniline	15.794	138	69190	38.536	ng	#	84
63) Azobenzene	16.059	77	305901	37.543	ng		99
65) 4,6-Dinitro-2-methylph...	15.859	198	59479	36.842	ng		95
66) n-Nitrosodiphenylamine	15.976	169	262104	39.388	ng		98
67) 4-Bromophenyl-phenylether	16.658	248	116368	39.246	ng		98
68) Hexachlorobenzene	16.787	284	125873	39.200	ng		95
69) Atrazine	16.922	200	113229	43.560	ng		97
70) Pentachlorophenol	17.134	266	141233	80.478	ng		94
71) Phenanthrene	17.521	178	498209	39.416	ng		98
72) Anthracene	17.610	178	501510	40.050	ng		99
73) Carbazole	17.874	167	469321	38.557	ng		100
74) Di-n-butylphthalate	18.426	149	547573	39.665	ng		98
75) Fluoranthene	19.525	202	651542	40.214	ng		100
77) Benzidine	19.695	184	235178	36.455	ng		99
78) Pyrene	19.889	202	642556	39.903	ng		99
80) Butylbenzylphthalate	20.758	149	234675	39.090	ng		97
81) Benzo(a)anthracene	21.739	228	613609	39.692	ng		99
82) 3,3'-Dichlorobenzidine	21.645	252	159488	28.052	ng		98
83) Chrysene	21.810	228	566171	39.462	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	322379	39.726	ng		100
85) Di-n-octyl phthalate	22.861	149	536084	39.500	ng		96
87) Indeno(1,2,3-cd)pyrene	28.836	276	656825	39.754	ng	#	97
88) Benzo(b)fluoranthene	24.007	252	610245	43.492	ng		99
89) Benzo(k)fluoranthene	24.077	252	589545	42.751	ng		97
90) Benzo(a)pyrene	24.906	252	580961	48.602	ng		99
91) Dibenzo(a,h)anthracene	28.894	278	573529	42.176	ng		99
92) Benzo(g,h,i)perylene	30.016	276	573732	42.806	ng		98

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

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