Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053697.D
Acq On : 25 May 2022 17:12
Operator : CG/JU
Sample : N2923-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 26 02:52:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 15:11:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

05/26/2022
Supervised By :Jagrut Upadhyay

05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.985	152	24423	20.000	ng		0.00
21) Naphthalene-d8	10.799	136	98233	20.000	ng		0.00
39) Acenaphthene-d10	14.629	164	74290	20.000	ng		0.00
64) Phenanthrene-d10	17.372	188	194379	20.000	ng		0.00
76) Chrysene-d12	21.637	240	195884	20.000	ng		0.00
86) Perylene-d12	24.838	264	200308	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.553	112	144696	100.548	ng		0.00
7) Phenol-d6	7.162	99	218288	99.948	ng		0.00
23) Nitrobenzene-d5	9.154	82	140898	61.057	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	109425	99.868	ng		0.00
45) 2-Fluorobiphenyl	13.248	172	325230	63.973	ng		0.00
79) Terphenyl-d14	19.980	244	692044	65.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	26972	35.722	ng		95
3) Pyridine	3.802	79	71049	38.530	ng		94
4) n-Nitrosodimethylamine	3.720	42	39241	43.686	ng	#	99
6) Aniline	7.309	93	84241	34.825	ng		98
8) 2-Chlorophenol	7.556	128	77594	51.578	ng		96
9) Benzaldehyde	7.121	77	60245	43.421	ng		93
10) Phenol	7.192	94	108698	50.888	ng		96
11) bis(2-Chloroethyl)ether	7.403	93	72500	45.510	ng		98
12) 1,3-Dichlorobenzene	7.879	146	80168	45.171	ng		94
13) 1,4-Dichlorobenzene	8.020	146	83530	46.640	ng		95
14) 1,2-Dichlorobenzene	8.343	146	79093	47.030	ng		96
15) Benzyl Alcohol	8.231	79	85910	47.050	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.513	45	117739	45.410	ng		98
17) 2-Methylphenol	8.443	107	72029	49.891	ng		94
18) Hexachloroethane	9.071	117	29337	43.136	ng		92
19) n-Nitroso-di-n-propyla...	8.795	70	70679	45.104	ng		96
20) 3+4-Methylphenols	8.772	107	99397	48.748	ng		96
22) Acetophenone	8.813	105	123560	45.959	ng	#	97
24) Nitrobenzene	9.195	77	104195	46.651	ng		98
25) Isophorone	9.718	82	191526	49.316	ng		98
26) 2-Nitrophenol	9.912	139	43782	48.399	ng		89
27) 2,4-Dimethylphenol	9.976	122	77578	56.985	ng		98
28) bis(2-Chloroethoxy)met...	10.199	93	101116	45.270	ng		97
29) 2,4-Dichlorophenol	10.458	162	83586	50.872	ng		93
30) 1,2,4-Trichlorobenzene	10.663	180	84275	45.144	ng		99
31) Naphthalene	10.846	128	233808	46.791	ng		98
32) Benzoic acid	10.152	122	31584m	39.039	ng		
33) 4-Chloroaniline	10.957	127	53940	25.776	ng		97
34) Hexachlorobutadiene	11.133	225	59547	43.016	ng		97
35) Caprolactam	11.744	113	30680m	51.383	ng		
36) 4-Chloro-3-methylphenol	12.097	107	96342	49.019	ng		99
37) 2-Methylnaphthalene	12.455	142	168170	45.097	ng		98
38) 1-Methylnaphthalene	12.672	142	161285	44.330	ng		96
40) 1,2,4,5-Tetrachloroben...	12.825	216	106738	45.581	ng		99
41) Hexachlorocyclopentadiene	12.802	237	88741	91.596	ng		94
43) 2,4,6-Trichlorophenol	13.072	196	75831	49.610	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.148	196	82569	50.754	ng		98
46) 1,1'-Biphenyl	13.460	154	238647	47.127	ng		98
47) 2-Chloronaphthalene	13.507	162	186063	46.898	ng		99
48) 2-Nitroaniline	13.706	65	75360	50.976	ng		96
49) Acenaphthylene	14.347	152	316198	49.945	ng		100
50) Dimethylphthalate	14.076	163	262150	46.437	ng		97
51) 2,6-Dinitrotoluene	14.200	165	57272	49.796	ng		95
52) Acenaphthene	14.687	154	178290	47.255	ng		97
53) 3-Nitroaniline	14.535	138	40144	32.304	ng		93
54) 2,4-Dinitrophenol	14.752	184	63967	87.023	ng		96
55) Dibenzofuran	15.028	168	307651	45.397	ng		99
56) 4-Nitrophenol	14.864	139	91265	102.822	ng		89
57) 2,4-Dinitrotoluene	14.993	165	83547	50.114	ng		92
58) Fluorene	15.674	166	257370	47.325	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	78118	47.327	ng		96
60) Diethylphthalate	15.439	149	276564	47.426	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	137427	45.285	ng		99
62) 4-Nitroaniline	15.704	138	64676	50.178	ng		93
63) Azobenzene	15.956	77	278836	46.695	ng		99
65) 4,6-Dinitro-2-methylph...	15.762	198	54236	46.826	ng		97
66) n-Nitrosodiphenylamine	15.880	169	235081	46.063	ng		97
67) 4-Bromophenyl-phenylether	16.555	248	100123	44.105	ng		96
68) Hexachlorobenzene	16.685	284	109922	44.213	ng		98
69) Atrazine	16.826	200	105462	49.087	ng		95
70) Pentachlorophenol	17.037	266	110709	82.530	ng		95
71) Phenanthrene	17.413	178	459227	46.463	ng		98
72) Anthracene	17.507	178	463147	47.674	ng		99
73) Carbazole	17.777	167	437479	45.948	ng		99
74) Di-n-butylphthalate	18.324	149	510825	47.704	ng		99
75) Fluoranthene	19.422	202	590264	46.123	ng		98
77) Benzidine	19.598	184	252459	59.796	ng		98
78) Pyrene	19.786	202	585274	46.155	ng		99
80) Butylbenzylphthalate	20.662	149	221475	47.630	ng		97
81) Benzo(a)anthracene	21.619	228	571620	45.752	ng		100
82) 3,3'-Dichlorobenzidine	21.531	252	120049	37.891	ng		95
83) Chrysene	21.684	228	527193	45.180	ng		99
84) Bis(2-ethylhexyl)phtha...	21.513	149	316001	49.237	ng		99
85) Di-n-octyl phthalate	22.706	149	521972	48.096	ng		99
87) Indeno(1,2,3-cd)pyrene	28.522	276	625946	44.867	ng	#	94
88) Benzo(b)fluoranthene	23.822	252	581468	49.042	ng		98
89) Benzo(k)fluoranthene	23.893	252	551693	47.352	ng		98
90) Benzo(a)pyrene	24.697	252	550962	54.596	ng	#	98
91) Dibenzo(a,h)anthracene	28.563	278	548063	47.676	ng		98
92) Benzo(g,h,i)perylene	29.667	276	536780	47.107	ng		97

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

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