Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
Data File : BG054740.D
Acq On : 25 Aug 2022 16:58
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 25 17:34:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 16:00:11 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.149	152	52801	20.000	ng		0.00
21) Naphthalene-d8	10.975	136	198098	20.000	ng		0.00
39) Acenaphthene-d10	14.788	164	129414	20.000	ng		0.00
64) Phenanthrene-d10	17.532	188	291538	20.000	ng		0.00
76) Chrysene-d12	21.827	240	263432	20.000	ng		0.00
86) Perylene-d12	25.194	264	284476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	454142	162.079	ng		0.00
7) Phenol-d6	7.297	99	625844	159.405	ng		0.00
23) Nitrobenzene-d5	9.330	82	598855	172.279	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	261987	252.785	ng		0.00
45) 2-Fluorobiphenyl	13.413	172	1290692	147.078	ng		0.00
79) Terphenyl-d14	20.135	244	1892535	142.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	104028	72.210	ng		99
3) Pyridine	3.942	79	305458m	75.732	ng		
4) n-Nitrosodimethylamine	3.860	42	130491	73.854	ng		98
6) Aniline	7.473	93	376506	76.865	ng		100
8) 2-Chlorophenol	7.714	128	248158	83.153	ng		97
10) Phenol	7.326	94	321007	78.934	ng		99
11) bis(2-Chloroethyl)ether	7.567	93	256179	73.698	ng		98
12) 1,3-Dichlorobenzene	8.043	146	285409	74.502	ng		98
13) 1,4-Dichlorobenzene	8.190	146	287898	74.576	ng		99
14) 1,2-Dichlorobenzene	8.513	146	270096	74.187	ng		99
15) Benzyl Alcohol	8.390	79	234466	85.695	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.684	45	402570	74.643	ng		99
17) 2-Methylphenol	8.590	107	225731	82.327	ng		98
18) Hexachloroethane	9.248	117	105754	82.948	ng		100
19) n-Nitroso-di-n-propyla...	8.966	70	215354	77.961	ng		98
20) 3+4-Methylphenols	8.919	107	315762	86.268	ng		97
22) Acetophenone	8.983	105	388911	77.952	ng	#	99
24) Nitrobenzene	9.371	77	302606	84.674	ng		98
25) Isophorone	9.894	82	562752	84.941	ng		99
26) 2-Nitrophenol	10.082	139	146653	158.682	ng		97
27) 2,4-Dimethylphenol	10.129	122	212685	88.007	ng		96
28) bis(2-Chloroethoxy)met...	10.370	93	314796	80.435	ng		100
29) 2,4-Dichlorophenol	10.617	162	250671	96.672	ng		98
30) 1,2,4-Trichlorobenzene	10.834	180	274192	79.353	ng		98
31) Naphthalene	11.028	128	826579	77.531	ng		99
32) Benzoic acid	10.299	122	169689	139.607	ng		91
33) 4-Chloroaniline	11.134	127	349267	82.998	ng		99
34) Hexachlorobutadiene	11.304	225	177529	81.382	ng		98
35) Caprolactam	11.927	113	86886m	107.318	ng		
36) 4-Chloro-3-methylphenol	12.244	107	269203	97.700	ng		96
37) 2-Methylnaphthalene	12.626	142	585928	79.998	ng		100
38) 1-Methylnaphthalene	12.843	142	568903	80.318	ng		98
40) 1,2,4,5-Tetrachloroben...	12.984	216	310428	77.695	ng		99
41) Hexachlorocyclopentadiene	12.961	237	176218	106.107	ng		98
43) 2,4,6-Trichlorophenol	13.219	196	216302	103.046	ng		99
44) 2,4,5-Trichlorophenol	13.296	196	236904	99.720	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.625	154	747347	76.319	ng	99
47) 2-Chloronaphthalene	13.672	162	565466	75.699	ng	99
48) 2-Nitroaniline	13.872	65	194638	129.445	ng	98
49) Acenaphthylene	14.512	152	928685	76.487	ng	98
50) Dimethylphthalate	14.236	163	757249	86.897	ng	98
51) 2,6-Dinitrotoluene	14.359	165	166329	104.944	ng	92
52) Acenaphthene	14.853	154	617460	82.945	ng	99
53) 3-Nitroaniline	14.694	138	186815	102.213	ng	96
54) 2,4-Dinitrophenol	14.888	184	94776	167.662	ng	92
55) Dibenzofuran	15.182	168	867633	76.909	ng	98
56) 4-Nitrophenol	14.982	139	150066	110.465	ng	98
57) 2,4-Dinitrotoluene	15.141	165	236584	116.281	ng	91
58) Fluorene	15.834	166	731718	78.459	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.405	232	214995	108.699	ng	97
60) Diethylphthalate	15.593	149	759357	89.331	ng	97
61) 4-Chlorophenyl-phenyle...	15.816	204	370153	80.150	ng	98
62) 4-Nitroaniline	15.857	138	188253	94.516	ng	97
63) Azobenzene	16.110	77	725913	76.892	ng	99
65) 4,6-Dinitro-2-methylph...	15.899	198	137091	153.940	ng	93
66) n-Nitrosodiphenylamine	16.034	169	650811	78.556	ng	100
67) 4-Bromophenyl-phenylether	16.715	248	257325	91.692	ng	98
68) Hexachlorobenzene	16.833	284	286196	80.824	ng	98
69) Atrazine	16.974	200	226306	92.179	ng	99
70) Pentachlorophenol	17.174	266	172900	105.704	ng	98
71) Phenanthrene	17.573	178	1170868	75.346	ng	97
72) Anthracene	17.667	178	1135045	75.376	ng	97
73) Carbazole	17.932	167	1045039	78.005	ng	98
74) Di-n-butylphthalate	18.478	149	1294318	90.560	ng	98
75) Fluoranthene	19.577	202	1402990	76.579	ng	98
77) Benzidine	19.753	184	489286	85.544	ng	98
78) Pyrene	19.941	202	1395863	75.120	ng	96
80) Butylbenzylphthalate	20.816	149	595432	116.468	ng	97
81) Benzo(a)anthracene	21.803	228	1373520	76.770	ng	97
82) 3,3'-Dichlorobenzidine	21.715	252	488010	90.266	ng	99
83) Chrysene	21.874	228	1321927	77.640	ng	97
84) Bis(2-ethylhexyl)phtha...	21.692	149	859462	107.019	ng	98
85) Di-n-octyl phthalate	22.961	149	1472375	106.723	ng	98
87) Indeno(1,2,3-cd)pyrene	29.083	276	1756840	82.760	ng	99
88) Benzo(b)fluoranthene	24.124	252	1439711	81.505	ng	99
89) Benzo(k)fluoranthene	24.195	252	1395390	76.550	ng	98
90) Benzo(a)pyrene	25.041	252	1221366	80.559	ng	100
91) Dibenzo(a,h)anthracene	29.160	278	1420335	81.446	ng	99
92) Benzo(g,h,i)perylene	30.311	276	1431656	83.975	ng	99

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

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