Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
Data File : BG060577.D
Acq On : 6 Mar 2024 18:32
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 02:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 07 02:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.329	152	78157	20.000	ng		0.00
21) Naphthalene-d8	11.173	136	343676	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	223297	20.000	ng		0.00
64) Phenanthrene-d10	17.701	188	486914	20.000	ng		0.00
76) Chrysene-d12	22.025	240	449147	20.000	ng		0.00
86) Perylene-d12	25.580	264	511580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.809	112	371281	76.389	ng		0.00
7) Phenol-d6	7.436	99	543257	75.507	ng		0.00
23) Nitrobenzene-d5	9.528	82	338588	75.171	ng		0.00
42) 2,4,6-Tribromophenol	16.438	330	196746	74.492	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	1288011	75.862	ng		0.00
79) Terphenyl-d14	20.280	244	1941305	77.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	80375	37.425	ng		100
3) Pyridine	4.070	79	220825m	37.608	ng		
4) n-Nitrosodimethylamine	3.999	42	123758	37.526	ng		100
6) Aniline	7.648	93	274003	38.081	ng		100
8) 2-Chlorophenol	7.871	128	198852	39.482	ng		100
9) Benzaldehyde	7.472	77	159839	36.581	ng		100
10) Phenol	7.466	94	267760	37.844	ng		100
11) bis(2-Chloroethyl)ether	7.742	93	212885	37.308	ng		100
12) 1,3-Dichlorobenzene	8.206	146	233849	37.011	ng		100
13) 1,4-Dichlorobenzene	8.365	146	244336	37.932	ng		100
14) 1,2-Dichlorobenzene	8.682	146	240226	38.421	ng		100
15) Benzyl Alcohol	8.564	79	200589	38.343	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.846	45	421395	37.896	ng		100
17) 2-Methylphenol	8.741	107	195254	38.457	ng		100
18) Hexachloroethane	9.416	117	75046	37.406	ng		100
19) n-Nitroso-di-n-propyla...	9.134	70	185252	38.062	ng		100
20) 3+4-Methylphenols	9.076	107	263357	38.358	ng		100
22) Acetophenone	9.170	105	368466	38.017	ng	#	100
24) Nitrobenzene	9.569	77	184165	39.075	ng		100
25) Isophorone	10.074	82	538641	38.031	ng		100
26) 2-Nitrophenol	10.274	139	52533	38.694	ng		100
27) 2,4-Dimethylphenol	10.298	122	160151	37.565	ng		100
28) bis(2-Chloroethoxy)met...	10.562	93	302035	37.805	ng		100
29) 2,4-Dichlorophenol	10.797	162	192726	36.988	ng		100
30) 1,2,4-Trichlorobenzene	11.014	180	227800	37.785	ng		100
31) Naphthalene	11.226	128	760711	38.398	ng		100
32) Benzoic acid	10.403	122	87330m	37.774	ng		
33) 4-Chloroaniline	11.338	127	288619	38.696	ng		100
34) Hexachlorobutadiene	11.455	225	159691	38.898	ng		100
35) Caprolactam	12.125	113	67847	39.896	ng		100
36) 4-Chloro-3-methylphenol	12.401	107	243164	39.144	ng		100
37) 2-Methylnaphthalene	12.801	142	499674	37.756	ng		100
38) 1-Methylnaphthalene	13.018	142	492325	37.195	ng		100
40) 1,2,4,5-Tetrachloroben...	13.141	216	263834	38.309	ng		100
41) Hexachlorocyclopentadiene	13.100	237	83523	36.490	ng		100
43) 2,4,6-Trichlorophenol	13.382	196	158813	37.199	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	175496	37.206	ng	100
46) 1,1'-Biphenyl	13.794	154	666750	38.219	ng	100
47) 2-Chloronaphthalene	13.846	162	535885	38.300	ng	100
48) 2-Nitroaniline	14.058	65	95299	36.992	ng	100
49) Acenaphthylene	14.687	152	819531	38.622	ng	100
50) Dimethylphthalate	14.399	163	641798	38.709	ng	100
51) 2,6-Dinitrotoluene	14.540	165	73596	37.201	ng	100
52) Acenaphthene	15.016	154	493274	37.425	ng	100
53) 3-Nitroaniline	14.875	138	83402	37.350	ng	100
54) 2,4-Dinitrophenol	15.069	184	33192	38.511	ng	100
55) Dibenzofuran	15.351	168	793793	38.017	ng	100
56) 4-Nitrophenol	15.133	139	71564	38.131	ng	100
57) 2,4-Dinitrotoluene	15.315	165	90575	37.531	ng	100
58) Fluorene	15.997	166	656283	38.408	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	146962	37.012	ng	100
60) Diethylphthalate	15.744	149	692801	39.602	ng	100
61) 4-Chlorophenyl-phenyle...	15.979	204	325107	38.075	ng	100
62) 4-Nitroaniline	16.032	138	102484	37.979	ng	100
63) Azobenzene	16.273	77	704031	38.559	ng	100
65) 4,6-Dinitro-2-methylph...	16.056	198	47200	38.335	ng	100
66) n-Nitrosodiphenylamine	16.203	169	572113	38.857	ng	100
67) 4-Bromophenyl-phenylether	16.878	248	211695	38.936	ng	100
68) Hexachlorobenzene	16.966	284	249612	38.944	ng	100
69) Atrazine	17.131	200	161131	43.992	ng	100
70) Pentachlorophenol	17.319	266	128245	37.154	ng	100
71) Phenanthrene	17.748	178	1003252	38.769	ng	100
72) Anthracene	17.836	178	1002940	39.062	ng	100
73) Carbazole	18.112	167	932040	38.623	ng	100
74) Di-n-butylphthalate	18.623	149	1134540	41.684	ng	100
75) Fluoranthene	19.734	202	1188667	38.836	ng	100
77) Benzidine	19.922	184	258619	50.873	ng	100
78) Pyrene	20.098	202	1239435	38.578	ng	100
80) Butylbenzylphthalate	20.968	149	431891	36.925	ng	100
81) Benzo(a)anthracene	22.002	228	1202967	38.811	ng	100
82) 3,3'-Dichlorobenzidine	21.913	252	403467	40.953	ng	100
83) Chrysene	22.078	228	1146982	38.082	ng	100
84) Bis(2-ethylhexyl)phtha...	21.855	149	665881	37.747	ng	100
85) Di-n-octyl phthalate	23.194	149	1086315	37.529	ng	100
87) Indeno(1,2,3-cd)pyrene	29.716	276	1390453m	39.172	ng	
88) Benzo(b)fluoranthene	24.434	252	1193938	39.367	ng	100
89) Benzo(k)fluoranthene	24.516	252	1163751	38.800	ng	100
90) Benzo(a)pyrene	25.415	252	1046598	39.296	ng	100
91) Dibenzo(a,h)anthracene	29.810	278	1158449	39.685	ng	100
92) Benzo(g,h,i)perylene	31.026	276	1158415	38.969	ng	100

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

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