Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
Data File : BG060576.D
Acq On : 6 Mar 2024 17:52
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 02:31:02 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 :
SSTDICC020

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	8.322	152	77670	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	359729	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	233905	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	517836	20.000	ng	0.00
76) Chrysene-d12	22.024	240	463249	20.000	ng	0.00
86) Perylene-d12	25.579	264	517746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	197093	40.805	ng	0.00
7) Phenol-d6	7.435	99	295620	41.346	ng	0.00
23) Nitrobenzene-d5	9.521	82	140930	39.688	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	92557	39.926	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	736938	41.436	ng	0.00
79) Terphenyl-d14	20.279	244	1127070	43.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.651	88	43596	20.427	ng	97
3) Pyridine	4.074	79	117395	20.119	ng	96
4) n-Nitrosodimethylamine	3.998	42	66660	20.339	ng	99
6) Aniline	7.647	93	146333	20.465	ng	98
8) 2-Chlorophenol	7.870	128	100156	20.010	ng	94
9) Benzaldehyde	7.471	77	92673	21.342	ng	90
10) Phenol	7.465	94	147134	20.926	ng	97
11) bis(2-Chloroethyl)ether	7.741	93	116905	20.616	ng	98
12) 1,3-Dichlorobenzene	8.205	146	131358	20.920	ng	94
13) 1,4-Dichlorobenzene	8.364	146	131768	20.585	ng	99
14) 1,2-Dichlorobenzene	8.681	146	126658	20.384	ng	97
15) Benzyl Alcohol	8.563	79	106433	20.473	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.845	45	228226m	20.653	ng	
17) 2-Methylphenol	8.740	107	102147	20.245	ng	98
18) Hexachloroethane	9.409	117	38127	19.123	ng	94
19) n-Nitroso-di-n-propyla...	9.133	70	102188	21.127	ng	93
20) 3+4-Methylphenols	9.069	107	140059	20.527	ng	97
22) Acetophenone	9.169	105	204764	20.184	ng	100
24) Nitrobenzene	9.562	77	76483	21.755	ng	98
25) Isophorone	10.073	82	302027	20.373	ng	99
26) 2-Nitrophenol	10.273	139	24363	23.880	ng	90
27) 2,4-Dimethylphenol	10.297	122	85392	19.136	ng	94
28) bis(2-Chloroethoxy)met...	10.561	93	171468	20.504	ng	95
29) 2,4-Dichlorophenol	10.796	162	95880	19.483	ng	97
30) 1,2,4-Trichlorobenzene	11.013	180	123900	19.634	ng	97
31) Naphthalene	11.225	128	417936	20.155	ng	99
32) Benzoic acid	10.367	122	36754m	21.505	ng	
33) 4-Chloroaniline	11.337	127	154518	19.792	ng	98
34) Hexachlorobutadiene	11.454	225	87049	20.258	ng	99
35) Caprolactam	12.118	113	34369	19.308	ng	99
36) 4-Chloro-3-methylphenol	12.400	107	129352	19.894	ng	94
37) 2-Methylnaphthalene	12.800	142	279737	20.194	ng	97
38) 1-Methylnaphthalene	13.017	142	278518	20.103	ng	95
40) 1,2,4,5-Tetrachloroben...	13.140	216	144992	20.098	ng	99
41) Hexachlorocyclopentadiene	13.099	237	41386	20.295	ng	93
43) 2,4,6-Trichlorophenol	13.381	196	78253	19.417	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	88235	19.559	ng		96
46) 1,1'-Biphenyl	13.793	154	371274	20.317	ng		98
47) 2-Chloronaphthalene	13.845	162	301098	20.544	ng		99
48) 2-Nitroaniline	14.057	65	37520	19.097	ng		95
49) Acenaphthylene	14.686	152	447683	20.141	ng		100
50) Dimethylphthalate	14.398	163	352490	20.296	ng		99
51) 2,6-Dinitrotoluene	14.533	165	31891	20.441	ng		97
52) Acenaphthene	15.015	154	277621	20.108	ng		99
53) 3-Nitroaniline	14.868	138	34900	19.877	ng	#	94
54) 2,4-Dinitrophenol	15.067	184	16009	21.585	ng		96
55) Dibenzofuran	15.350	168	442576	20.235	ng		99
56) 4-Nitrophenol	15.126	139	31487	20.756	ng		98
57) 2,4-Dinitrotoluene	15.308	165	39178	20.378	ng	#	97
58) Fluorene	15.996	166	365384	20.414	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.549	232	71564	19.239	ng		98
60) Diethylphthalate	15.743	149	376548	20.548	ng		100
61) 4-Chlorophenyl-phenyle...	15.978	204	182189	20.369	ng		98
62) 4-Nitroaniline	16.031	138	43851	19.766	ng		94
63) Azobenzene	16.272	77	385843	20.174	ng		97
65) 4,6-Dinitro-2-methylph...	16.055	198	21848	20.804	ng		98
66) n-Nitrosodiphenylamine	16.196	169	322732	20.611	ng		99
67) 4-Bromophenyl-phenylether	16.877	248	117306	20.287	ng		98
68) Hexachlorobenzene	16.965	284	139668	20.489	ng		97
69) Atrazine	17.130	200	88880	22.817	ng		95
70) Pentachlorophenol	17.318	266	58386	19.532	ng		88
71) Phenanthrene	17.741	178	563370	20.470	ng		99
72) Anthracene	17.835	178	554574	20.309	ng		99
73) Carbazole	18.105	167	511487	19.930	ng		99
74) Di-n-butylphthalate	18.622	149	597592	20.645	ng		100
75) Fluoranthene	19.733	202	663060	20.370	ng		99
77) Benzidine	19.921	184	59135	11.278	ng		100
78) Pyrene	20.097	202	690333	20.833	ng		98
80) Butylbenzylphthalate	20.966	149	211402	19.406	ng		96
81) Benzo(a)anthracene	22.001	228	646744	20.230	ng		99
82) 3,3'-Dichlorobenzidine	21.912	252	206128	20.285	ng		100
83) Chrysene	22.071	228	618960	19.925	ng		99
84) Bis(2-ethylhexyl)phtha...	21.854	149	332026	19.719	ng		98
85) Di-n-octyl phthalate	23.187	149	517279	19.798	ng		100
87) Indeno(1,2,3-cd)pyrene	29.703	276	716391m	19.942	ng		
88) Benzo(b)fluoranthene	24.427	252	619342	20.178	ng		98
89) Benzo(k)fluoranthene	24.509	252	620565	20.444	ng		97
90) Benzo(a)pyrene	25.408	252	545456	20.236	ng		98
91) Dibenzo(a,h)anthracene	29.797	278	589960	19.970	ng		99
92) Benzo(g,h,i)perylene	31.002	276	603667	20.066	ng		98

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

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