Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
Data File : BG054739.D
Acq On : 25 Aug 2022 16:16
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 25 17:10:38 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 :
SSTDICC060

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	8.155	152	53476	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	207476	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	132735	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	296059	20.000	ng	0.00
76) Chrysene-d12	21.827	240	268148	20.000	ng	0.00
86) Perylene-d12	25.194	264	293145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	358229	126.235	ng	0.00
7) Phenol-d6	7.297	99	493423	124.090	ng	0.00
23) Nitrobenzene-d5	9.330	82	469740	129.027	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	203171	191.130	ng	0.00
45) 2-Fluorobiphenyl	13.413	172	1027037	114.105	ng	0.00
79) Terphenyl-d14	20.135	244	1541441	114.192	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.537	88	83022	56.902	ng	98
3) Pyridine	3.948	79	239579m	58.649	ng	
4) n-Nitrosodimethylamine	3.860	42	102888	57.497	ng	98
6) Aniline	7.473	93	295426	59.551	ng	98
8) 2-Chlorophenol	7.714	128	195748	64.764	ng	99
10) Phenol	7.326	94	254243	61.728	ng	98
11) bis(2-Chloroethyl)ether	7.567	93	200181	56.862	ng	99
12) 1,3-Dichlorobenzene	8.043	146	226524	58.385	ng	98
13) 1,4-Dichlorobenzene	8.190	146	226940	58.043	ng	99
14) 1,2-Dichlorobenzene	8.513	146	213037	57.776	ng	99
15) Benzyl Alcohol	8.390	79	182984	66.035	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.683	45	313640	57.420	ng	100
17) 2-Methylphenol	8.589	107	175411	63.167	ng	96
18) Hexachloroethane	9.248	117	83691	64.814	ng	99
19) n-Nitroso-di-n-propyla...	8.965	70	168820	60.344	ng	98
20) 3+4-Methylphenols	8.918	107	245783	66.302	ng	97
22) Acetophenone	8.983	105	306253	58.610	ng	99
24) Nitrobenzene	9.371	77	236547	63.198	ng	97
25) Isophorone	9.894	82	439429	63.329	ng	99
26) 2-Nitrophenol	10.082	139	114046	117.823	ng	94
27) 2,4-Dimethylphenol	10.129	122	166888	65.935	ng	98
28) bis(2-Chloroethoxy)met...	10.370	93	247294	60.331	ng	99
29) 2,4-Dichlorophenol	10.616	162	194568	71.644	ng	98
30) 1,2,4-Trichlorobenzene	10.840	180	216874	59.927	ng	98
31) Naphthalene	11.034	128	653723	58.546	ng	100
32) Benzoic acid	10.282	122	123634	97.119	ng	96
33) 4-Chloroaniline	11.134	127	273674	62.095	ng	99
34) Hexachlorobutadiene	11.304	225	138225	60.500	ng	97
35) Caprolactam	11.915	113	67425	79.516	ng	98
36) 4-Chloro-3-methylphenol	12.238	107	208168	72.134	ng	96
37) 2-Methylnaphthalene	12.626	142	462740	60.324	ng	99
38) 1-Methylnaphthalene	12.843	142	442768	59.685	ng	98
40) 1,2,4,5-Tetrachloroben...	12.984	216	240670	58.728	ng	100
41) Hexachlorocyclopentadiene	12.961	237	136156	79.933	ng	99
43) 2,4,6-Trichlorophenol	13.219	196	166094	77.147	ng	99
44) 2,4,5-Trichlorophenol	13.296	196	183353	75.248	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.625	154	583215	58.068	ng	100
47) 2-Chloronaphthalene	13.672	162	441645	57.644	ng	100
48) 2-Nitroaniline	13.871	65	147994	95.962	ng	98
49) Acenaphthylene	14.512	152	733877	58.930	ng	99
50) Dimethylphthalate	14.236	163	596204	66.705	ng	98
51) 2,6-Dinitrotoluene	14.359	165	128152	78.834	ng	92
52) Acenaphthene	14.853	154	479497	62.801	ng	98
53) 3-Nitroaniline	14.694	138	143122	76.348	ng	97
54) 2,4-Dinitrophenol	14.888	184	68687	118.470	ng	95
55) Dibenzofuran	15.188	168	679206	58.700	ng	99
56) 4-Nitrophenol	14.982	139	115017	82.547	ng	98
57) 2,4-Dinitrotoluene	15.141	165	180230	86.367	ng	91
58) Fluorene	15.834	166	571302	59.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.405	232	163004	80.351	ng	96
60) Diethylphthalate	15.593	149	596799	68.451	ng	97
61) 4-Chlorophenyl-phenyle...	15.822	204	285595	60.294	ng	99
62) 4-Nitroaniline	15.852	138	145009	70.983	ng	98
63) Azobenzene	16.116	77	566801	58.536	ng	97
65) 4,6-Dinitro-2-methylph...	15.904	198	101599	112.344	ng	98
66) n-Nitrosodiphenylamine	16.034	169	507395	60.310	ng	100
67) 4-Bromophenyl-phenylether	16.715	248	197806	69.407	ng	98
68) Hexachlorobenzene	16.833	284	219724	61.104	ng	97
69) Atrazine	16.974	200	173587	69.626	ng	99
70) Pentachlorophenol	17.174	266	130339	78.467	ng	97
71) Phenanthrene	17.579	178	919864	58.290	ng	99
72) Anthracene	17.667	178	897693	58.704	ng	98
73) Carbazole	17.937	167	820090	60.280	ng	99
74) Di-n-butylphthalate	18.478	149	1025036	70.624	ng	99
75) Fluoranthene	19.582	202	1100751	59.165	ng	99
77) Benzidine	19.753	184	373906	64.222	ng	99
78) Pyrene	19.941	202	1104952	58.419	ng	97
80) Butylbenzylphthalate	20.816	149	465661	89.483	ng	98
81) Benzo(a)anthracene	21.809	228	1082248	59.426	ng	98
82) 3,3'-Dichlorobenzidine	21.715	252	380397	69.124	ng	99
83) Chrysene	21.880	228	1019208	58.808	ng	98
84) Bis(2-ethylhexyl)phtha...	21.698	149	671012	82.084	ng	99
85) Di-n-octyl phthalate	22.961	149	1148792	81.804	ng	97
87) Indeno(1,2,3-cd)pyrene	29.089	276	1344024	61.441	ng	99
88) Benzo(b)fluoranthene	24.124	252	1103974	60.650	ng	100
89) Benzo(k)fluoranthene	24.195	252	1092782	58.177	ng	98
90) Benzo(a)pyrene	25.041	252	938432	60.067	ng	99
91) Dibenzo(a,h)anthracene	29.159	278	1092509	60.795	ng	98
92) Benzo(g,h,i)perylene	30.305	276	1097345	62.462	ng	99

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

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