Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054674.D
Acq On : 19 Aug 2022 22:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 22 00:26:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 00:08:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG082022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	58742	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	241952	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	158574	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	350152	20.000	ng	0.00
76) Chrysene-d12	21.831	240	316402	20.000	ng	0.00
86) Perylene-d12	25.204	264	335345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	251012	77.374	ng	0.00
7) Phenol-d6	7.301	99	347341	76.558	ng	0.00
23) Nitrobenzene-d5	9.334	82	316790	75.591	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	120802	72.958	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	713012	70.431	ng	0.00
79) Terphenyl-d14	20.139	244	1083343	73.182	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	56854	35.892	ng	99
3) Pyridine	3.958	79	161559	37.966	ng	98
4) n-Nitrosodimethylamine	3.870	42	71847	37.927	ng	97
6) Aniline	7.478	93	205945	37.874	ng	98
8) 2-Chlorophenol	7.719	128	133277	37.870	ng	98
9) Benzaldehyde	7.290	77	97954	35.831	ng	98
10) Phenol	7.331	94	176662	38.329	ng	99
11) bis(2-Chloroethyl)ether	7.572	93	139686	37.588	ng	99
12) 1,3-Dichlorobenzene	8.048	146	155600	37.694	ng	99
13) 1,4-Dichlorobenzene	8.194	146	156887	37.656	ng	99
14) 1,2-Dichlorobenzene	8.518	146	149346	37.813	ng	97
15) Benzyl Alcohol	8.394	79	121851	37.770	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.688	45	217484	37.535	ng	99
17) 2-Methylphenol	8.588	107	120405	38.164	ng	97
18) Hexachloroethane	9.252	117	56329	38.611	ng	97
19) n-Nitroso-di-n-propyla...	8.970	70	112741	37.838	ng	99
20) 3+4-Methylphenols	8.923	107	167681	38.479	ng	98
22) Acetophenone	8.988	105	211543	36.234	ng	98
24) Nitrobenzene	9.375	77	160789	37.773	ng	98
25) Isophorone	9.898	82	297734	36.992	ng	100
26) 2-Nitrophenol	10.086	139	64499	40.915	ng	98
27) 2,4-Dimethylphenol	10.133	122	119181	37.254	ng	99
28) bis(2-Chloroethoxy)met...	10.380	93	168055	36.352	ng	97
29) 2,4-Dichlorophenol	10.621	162	131857	38.522	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	149618	36.540	ng	99
31) Naphthalene	11.038	128	449404	36.134	ng	100
32) Benzoic acid	10.257	122	84106	40.174	ng	95
33) 4-Chloroaniline	11.138	127	185931	36.715	ng	99
34) Hexachlorobutadiene	11.314	225	95443	36.282	ng	97
35) Caprolactam	11.908	113	42928	38.542	ng	97
36) 4-Chloro-3-methylphenol	12.243	107	139149	38.195	ng	99
37) 2-Methylnaphthalene	12.630	142	314547	36.474	ng	99
38) 1-Methylnaphthalene	12.848	142	303663	36.189	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	165466	35.768	ng	99
41) Hexachlorocyclopentadiene	12.971	237	87735	35.844	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	110406	38.048	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	121372	37.369	ng	99
46) 1,1'-Biphenyl	13.629	154	396923	35.295	ng	99
47) 2-Chloronaphthalene	13.676	162	303134	35.464	ng	100
48) 2-Nitroaniline	13.870	65	91825	38.798	ng	98
49) Acenaphthylene	14.516	152	496045	35.310	ng	100
50) Dimethylphthalate	14.240	163	400338	35.789	ng	99
51) 2,6-Dinitrotoluene	14.358	165	82151	38.769	ng	96
52) Acenaphthene	14.857	154	316130	35.729	ng	98
53) 3-Nitroaniline	14.687	138	92739	38.201	ng	97
54) 2,4-Dinitrophenol	14.887	184	31534	38.644	ng	89
55) Dibenzofuran	15.186	168	465276	35.247	ng	99
56) 4-Nitrophenol	14.975	139	72169	38.669	ng	96
57) 2,4-Dinitrotoluene	15.139	165	111936	39.362	ng	97
58) Fluorene	15.833	166	387533	35.111	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.404	232	108306	37.708	ng	99
60) Diethylphthalate	15.598	149	395653	35.864	ng	98
61) 4-Chlorophenyl-phenyle...	15.827	204	195807	35.865	ng	100
62) 4-Nitroaniline	15.850	138	94540m	37.367	ng	
63) Azobenzene	16.115	77	378734	35.654	ng	98
65) 4,6-Dinitro-2-methylph...	15.897	198	46939	39.031	ng	98
66) n-Nitrosodiphenylamine	16.038	169	340554	35.573	ng	99
67) 4-Bromophenyl-phenylether	16.720	248	123267	34.743	ng	97
68) Hexachlorobenzene	16.831	284	145694	35.288	ng	97
69) Atrazine	16.978	200	111495	36.675	ng	100
70) Pentachlorophenol	17.172	266	88524	39.325	ng	99
71) Phenanthrene	17.578	178	623375	35.010	ng	98
72) Anthracene	17.672	178	615178	35.457	ng	100
73) Carbazole	17.936	167	560851	35.549	ng	99
74) Di-n-butylphthalate	18.488	149	689106	36.994	ng	100
75) Fluoranthene	19.581	202	755243	35.130	ng	99
77) Benzidine	19.757	184	197281	33.256	ng	99
78) Pyrene	19.945	202	764370	36.783	ng	100
80) Butylbenzylphthalate	20.827	149	293316	39.314	ng	99
81) Benzo(a)anthracene	21.808	228	737255	36.024	ng	100
82) 3,3'-Dichlorobenzidine	21.720	252	217909	37.135	ng	99
83) Chrysene	21.878	228	691388	35.711	ng	100
84) Bis(2-ethylhexyl)phtha...	21.708	149	424393	38.707	ng	99
85) Di-n-octyl phthalate	22.977	149	711465	39.204	ng	100
87) Indeno(1,2,3-cd)pyrene	29.088	276	883627	36.039	ng	99
88) Benzo(b)fluoranthene	24.129	252	739426	36.616	ng	99
89) Benzo(k)fluoranthene	24.199	252	718934	35.393	ng	98
90) Benzo(a)pyrene	25.045	252	626271	36.514	ng	100
91) Dibenzo(a,h)anthracene	29.158	278	724124	35.894	ng	100
92) Benzo(g,h,i)perylene	30.298	276	716272	35.802	ng	99

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

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