Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055684.D
Acq On : 18 Nov 2022 10:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Quant Time: Nov 18 23:52:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	37127	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	155649	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	118279	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	275669	20.000	ng	0.00
76) Chrysene-d12	21.919	240	241164	20.000	ng	0.00
86) Perylene-d12	25.332	264	259507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	163108	79.409	ng	0.00
7) Phenol-d6	7.394	99	220435	80.620	ng	0.00
23) Nitrobenzene-d5	9.427	82	241148	81.888	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	136863	82.174	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	621262	78.689	ng	0.00
79) Terphenyl-d14	20.203	244	997682	82.744	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.611	88	32588	37.125	ng	98
3) Pyridine	4.028	79	106221	39.445	ng	97
4) n-Nitrosodimethylamine	3.934	42	58370	40.941	ng	99
6) Aniline	7.565	93	138787	40.412	ng	97
8) 2-Chlorophenol	7.812	128	95573	40.702	ng	98
9) Benzaldehyde	7.377	77	72236	38.901	ng	98
10) Phenol	7.424	94	124619	40.705	ng	97
11) bis(2-Chloroethyl)ether	7.659	93	93156	39.705	ng	100
12) 1,3-Dichlorobenzene	8.141	146	109552	39.682	ng	100
13) 1,4-Dichlorobenzene	8.288	146	111429	39.943	ng	99
14) 1,2-Dichlorobenzene	8.611	146	106317	39.770	ng	98
15) Benzyl Alcohol	8.487	79	95783	43.104	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.775	45	173198	40.778	ng	98
17) 2-Methylphenol	8.687	107	89968	41.392	ng	98
18) Hexachloroethane	9.345	117	39297	40.927	ng	98
19) n-Nitroso-di-n-propyla...	9.057	70	86798	41.316	ng	100
20) 3+4-Methylphenols	9.016	107	126953	41.812	ng	98
22) Acetophenone	9.081	105	161798	40.004	ng	99
24) Nitrobenzene	9.469	77	124015	40.317	ng	99
25) Isophorone	9.991	82	230715	41.349	ng	98
26) 2-Nitrophenol	10.179	139	61216	43.111	ng	94
27) 2,4-Dimethylphenol	10.232	122	88704m	41.045	ng	
28) bis(2-Chloroethoxy)met...	10.467	93	122635	40.940	ng	99
29) 2,4-Dichlorophenol	10.720	162	108348	41.887	ng	98
30) 1,2,4-Trichlorobenzene	10.937	180	122798	40.862	ng	98
31) Naphthalene	11.131	128	335738	39.902	ng	99
32) Benzoic acid	10.373	122	72074	40.536	ng	99
33) 4-Chloroaniline	11.231	127	143373	41.307	ng	98
34) Hexachlorobutadiene	11.407	225	84038	40.954	ng	97
35) Caprolactam	12.013	113	37271	41.637	ng	97
36) 4-Chloro-3-methylphenol	12.336	107	120022	42.216	ng	98
37) 2-Methylnaphthalene	12.718	142	257775	40.916	ng	99
38) 1-Methylnaphthalene	12.935	142	250309	40.927	ng	98
40) 1,2,4,5-Tetrachloroben...	13.082	216	150179	40.404	ng	99
41) Hexachlorocyclopentadiene	13.058	237	75208	40.146	ng	97
43) 2,4,6-Trichlorophenol	13.317	196	104741	41.310	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	114410	41.061	ng		98
46) 1,1'-Biphenyl	13.711	154	338762	39.303	ng		99
47) 2-Chloronaphthalene	13.758	162	264667	39.506	ng		98
48) 2-Nitroaniline	13.957	65	89563	40.662	ng		97
49) Acenaphthylene	14.604	152	437055	39.617	ng		99
50) Dimethylphthalate	14.316	163	379728	40.274	ng		100
51) 2,6-Dinitrotoluene	14.439	165	77732	40.320	ng		96
52) Acenaphthene	14.939	154	288501m	40.013	ng		
53) 3-Nitroaniline	14.774	138	85262	40.287	ng		99
54) 2,4-Dinitrophenol	14.980	184	46494	41.945	ng		96
55) Dibenzofuran	15.273	168	437435	39.327	ng		100
56) 4-Nitrophenol	15.074	139	66365	39.954	ng		97
57) 2,4-Dinitrotoluene	15.226	165	112431	41.363	ng		95
58) Fluorene	15.920	166	349699	39.364	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	110519	40.935	ng		99
60) Diethylphthalate	15.667	149	379427	39.803	ng		99
61) 4-Chlorophenyl-phenyle...	15.902	204	194542	39.837	ng		99
62) 4-Nitroaniline	15.937	138	87761	39.670	ng		99
63) Azobenzene	16.196	77	326288	39.206	ng		99
65) 4,6-Dinitro-2-methylph...	15.990	198	68153	44.275	ng		97
66) n-Nitrosodiphenylamine	16.114	169	311253	40.970	ng		100
67) 4-Bromophenyl-phenylether	16.795	248	130608	41.582	ng		99
68) Hexachlorobenzene	16.919	284	145562	41.795	ng		99
69) Atrazine	17.054	200	118639	39.485	ng		99
70) Pentachlorophenol	17.265	266	86787	40.735	ng		99
71) Phenanthrene	17.659	178	586453	39.422	ng		99
72) Anthracene	17.753	178	576512	39.886	ng		99
73) Carbazole	18.017	167	507532	39.059	ng		100
74) Di-n-butylphthalate	18.552	149	622486	38.580	ng		99
75) Fluoranthene	19.657	202	671977	37.130	ng		100
77) Benzidine	19.827	184	234554	42.041	ng		98
78) Pyrene	20.015	202	671179	41.116	ng		99
80) Butylbenzylphthalate	20.885	149	257577	40.306	ng		98
81) Benzo(a)anthracene	21.895	228	666788	40.143	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	237281	40.654	ng		99
83) Chrysene	21.966	228	635368	40.180	ng		98
84) Bis(2-ethylhexyl)phtha...	21.772	149	367440	40.009	ng		100
85) Di-n-octyl phthalate	23.047	149	631103	40.155	ng		99
87) Indeno(1,2,3-cd)pyrene	29.269	276	793339	37.317	ng	#	95
88) Benzo(b)fluoranthene	24.239	252	656230	38.829	ng		99
89) Benzo(k)fluoranthene	24.316	252	669659	39.751	ng		99
90) Benzo(a)pyrene	25.174	252	561969	38.749	ng		99
91) Dibenzo(a,h)anthracene	29.333	278	663387	38.186	ng		99
92) Benzo(g,h,i)perylene	30.509	276	641310	36.626	ng		98

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

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