Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055809.D
Acq On : 28 Nov 2022 17:45
Operator : CG/JU
Sample : N5752-11MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-12SMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

Quant Time: Nov 29 02:11:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	40964	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	173314	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	126902	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	305939	20.000	ng	0.00
76) Chrysene-d12	21.889	240	287666	20.000	ng	0.00
86) Perylene-d12	25.273	264	307227	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	282701	124.741	ng	0.00
7) Phenol-d6	7.376	99	371032	122.988	ng	0.00
23) Nitrobenzene-d5	9.404	82	235306	71.760	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	204537	114.462	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	590703	69.735	ng	0.00
79) Terphenyl-d14	20.179	244	1036502	72.067	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	41581	42.933	ng	99
3) Pyridine	3.998	79	115968	39.031	ng	99
4) n-Nitrosodimethylamine	3.910	42	70069	44.543	ng	92
6) Aniline	7.541	93	78930	20.830	ng	100
8) 2-Chlorophenol	7.788	128	129599	50.023	ng	98
9) Benzaldehyde	7.353	77	69771m	34.054	ng	
10) Phenol	7.406	94	168447	49.867	ng	99
11) bis(2-Chloroethyl)ether	7.635	93	117356	45.334	ng	98
12) 1,3-Dichlorobenzene	8.117	146	138674	45.526	ng	97
13) 1,4-Dichlorobenzene	8.264	146	140631	45.689	ng	97
14) 1,2-Dichlorobenzene	8.587	146	136447	46.260	ng	97
15) Benzyl Alcohol	8.463	79	118392m	48.288	ng	
16) 2,2'-oxybis(1-Chloropr...	8.751	45	212084	45.257	ng	98
17) 2-Methylphenol	8.669	107	117724	49.089	ng	98
18) Hexachloroethane	9.321	117	49100	46.347	ng	98
19) n-Nitroso-di-n-propyla...	9.033	70	100217	43.235	ng	97
20) 3+4-Methylphenols	8.998	107	161164	48.107	ng	99
22) Acetophenone	9.057	105	194089	43.097	ng	98
24) Nitrobenzene	9.445	77	147858	43.169	ng	99
25) Isophorone	9.968	82	278802	44.874	ng	99
26) 2-Nitrophenol	10.161	139	76298	48.256	ng	97
27) 2,4-Dimethylphenol	10.208	122	123047m	51.133	ng	
28) bis(2-Chloroethoxy)met...	10.443	93	162285	48.655	ng	98
29) 2,4-Dichlorophenol	10.702	162	138494	48.084	ng	99
30) 1,2,4-Trichlorobenzene	10.914	180	142924	42.712	ng	99
31) Naphthalene	11.107	128	401093	42.810	ng	100
32) Benzoic acid	10.361	122	97064m	49.026	ng	
33) 4-Chloroaniline	11.213	127	61729	15.972	ng	97
34) Hexachlorobutadiene	11.384	225	93192	40.786	ng	96
35) Caprolactam	11.989	113	49420m	49.582	ng	
36) 4-Chloro-3-methylphenol	12.324	107	154278	48.734	ng	99
37) 2-Methylnaphthalene	12.694	142	301482	42.976	ng	100
38) 1-Methylnaphthalene	12.917	142	286916	42.131	ng	99
40) 1,2,4,5-Tetrachloroben...	13.058	216	171350	42.967	ng	99
41) Hexachlorocyclopentadiene	13.035	237	166080	82.629	ng	99
43) 2,4,6-Trichlorophenol	13.293	196	124097	45.618	ng	98

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44) 2,4,5-Trichlorophenol	13.369	196	139142	46.544	ng	98
46) 1,1'-Biphenyl	13.687	154	411057	44.450	ng	98
47) 2-Chloronaphthalene	13.740	162	311780	43.376	ng	97
48) 2-Nitroaniline	13.933	65	109725	46.431	ng	98
49) Acenaphthylene	14.580	152	519385	43.881	ng	100
50) Dimethylphthalate	14.298	163	428166	42.325	ng	99
51) 2,6-Dinitrotoluene	14.421	165	94813	45.838	ng	98
52) Acenaphthene	14.915	154	354699m	45.852	ng	
53) 3-Nitroaniline	14.750	138	49634	21.859	ng	98
54) 2,4-Dinitrophenol	14.962	184	75352	63.360	ng	100
55) Dibenzofuran	15.250	168	518040	43.409	ng	98
56) 4-Nitrophenol	15.062	139	167735	94.121	ng	97
57) 2,4-Dinitrotoluene	15.208	165	137290	47.077	ng	94
58) Fluorene	15.896	166	416244	43.670	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.473	232	128719	44.437	ng	99
60) Diethylphthalate	15.649	149	436722	42.700	ng	100
61) 4-Chlorophenyl-phenyle...	15.878	204	227223	43.368	ng	96
62) 4-Nitroaniline	15.914	138	89688	37.786	ng	98
63) Azobenzene	16.172	77	400023	44.800	ng	99
65) 4,6-Dinitro-2-methylph...	15.972	198	61507	36.004	ng	96
66) n-Nitrosodiphenylamine	16.096	169	378719	44.918	ng	99
67) 4-Bromophenyl-phenylether	16.771	248	153377	44.000	ng	99
68) Hexachlorobenzene	16.901	284	168493	43.592	ng	98
69) Atrazine	17.030	200	160185	48.038	ng	99
70) Pentachlorophenol	17.241	266	198537	83.967	ng	99
71) Phenanthrene	17.635	178	704737	42.686	ng	99
72) Anthracene	17.729	178	714372	44.534	ng	99
73) Carbazole	17.993	167	641977	44.517	ng	100
74) Di-n-butylphthalate	18.528	149	774845	43.272	ng	100
75) Fluoranthene	19.633	202	822425	40.947	ng	99
77) Benzidine	19.803	184	104945	15.769	ng	99
78) Pyrene	19.997	202	832713	42.766	ng	99
80) Butylbenzylphthalate	20.855	149	337958	44.336	ng	98
81) Benzo(a)anthracene	21.865	228	844590	42.627	ng	99
82) 3,3'-Dichlorobenzidine	21.771	252	164961	23.694	ng	99
83) Chrysene	21.936	228	796320	42.218	ng	99
84) Bis(2-ethylhexyl)phtha...	21.736	149	492784	44.983	ng	99
85) Di-n-octyl phthalate	22.999	149	832003	44.380	ng	100
87) Indeno(1,2,3-cd)pyrene	29.198	276	1024074	40.688	ng	99
88) Benzo(b)fluoranthene	24.192	252	880711	44.017	ng	100
89) Benzo(k)fluoranthene	24.268	252	869296	43.586	ng	99
90) Benzo(a)pyrene	25.120	252	785652	45.758	ng	99
91) Dibenzo(a,h)anthracene	29.251	278	861510	41.887	ng	99
92) Benzo(g,h,i)perylene	30.420	276	852105	41.106	ng	99

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

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