Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045403.D
Acq On : 15 May 2020 19:13
Operator : CG/JU
Sample : PB128906BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128906BS

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:07 PM

Quant Time: May 15 19:50:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	64355	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	249250	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	176744	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	422879	20.00	ng		0.00
76) Chrysene-d12	21.62	240	417745	20.00	ng		0.00
87) Perylene-d12	24.78	264	476570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	465608	141.39	ng		0.00
7) Phenol-d6	7.14	99	643594	137.32	ng		0.00
23) Nitrobenzene-d5	9.13	82	409316	89.55	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	301176	133.24	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	929727	89.23	ng		0.00
79) Terphenyl-d14	19.98	244	1674739	93.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	62585	38.326	ng		98
3) Pyridine	3.81	79	142822	31.404	ng		98
4) n-Nitrosodimethylamine	3.72	42	63263	42.510	ng		95
6) Aniline	7.29	93	233806	38.214	ng		97
8) 2-Chlorophenol	7.54	128	171273	47.428	ng		99
9) Benzaldehyde	7.09	77	122895	40.245	ng		96
10) Phenol	7.17	94	225934	46.772	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	159073	42.219	ng		97
12) 1,3-Dichlorobenzene	7.86	146	184904	42.608	ng		97
13) 1,4-Dichlorobenzene	8.00	146	188111	43.924	ng		96
14) 1,2-Dichlorobenzene	8.32	146	173890	42.216	ng		98
15) Benzyl Alcohol	8.20	79	174084	44.962	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	149541	41.812	ng		95
17) 2-Methylphenol	8.42	107	154470	42.723	ng		97
18) Hexachloroethane	9.06	117	71058	43.322	ng		95
19) n-Nitroso-di-n-propylamine	8.77	70	139002	42.888	ng		94
20) 3+4-Methylphenols	8.75	107	207019	42.047	ng		97
22) Acetophenone	8.79	105	258023	43.677	ng	#	99
24) Nitrobenzene	9.17	77	219388	44.800	ng		95
25) Isophorone	9.69	82	396964	44.100	ng		98
26) 2-Nitrophenol	9.88	139	96244	45.942	ng		96
27) 2,4-Dimethylphenol	9.95	122	162644	52.347	ng		97
28) bis(2-Chloroethoxy)methane	10.18	93	218182	46.218	ng		98
29) 2,4-Dichlorophenol	10.43	162	176048	47.982	ng		96
30) 1,2,4-Trichlorobenzene	10.64	180	193058	44.529	ng		97
31) Naphthalene	10.82	128	521644	44.912	ng		99
32) Benzoic acid	10.10	122	80314	40.093	ng		94
33) 4-Chloroaniline	10.93	127	143603	29.578	ng		96
34) Hexachlorobutadiene	11.12	225	129346	42.206	ng		97
35) Caprolactam	11.69	113	61331m	45.541	ng		
36) 4-Chloro-3-methylphenol	12.06	107	198509	48.014	ng		95
37) 2-Methylnaphthalene	12.43	142	397836	45.955	ng		98
38) 1-Methylnaphthalene	12.65	142	372376	45.536	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	218766	44.314	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	290337	101.894	ng		97
43) 2,4,6-Trichlorophenol	13.05	196	155848	45.445	ng		100
44) 2,4,5-Trichlorophenol	13.12	196	164548	41.989	ng		99
46) 1,1'-Biphenyl	13.44	154	505240	46.522	ng		99
47) 2-Chloronaphthalene	13.49	162	386351	43.810	ng		98
48) 2-Nitroaniline	13.69	65	127580	43.979	ng		93
49) Acenaphthylene	14.33	152	641740	45.304	ng		99
50) Dimethylphthalate	14.07	163	529773	43.694	ng		99
51) 2,6-Dinitrotoluene	14.18	165	120356	43.991	ng		97
52) Acenaphthene	14.68	154	478745m	50.490	ng		
53) 3-Nitroaniline	14.51	138	88516	31.827	ng		94
54) 2,4-Dinitrophenol	14.72	184	151297	84.118	ng		97
55) Dibenzofuran	15.01	168	618521	43.926	ng		97
56) 4-Nitrophenol	14.84	139	193324	91.814	ng		91
57) 2,4-Dinitrotoluene	14.97	165	172431	43.518	ng		97
58) Fluorene	15.66	166	514167	44.447	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155750	45.175	ng		98
60) Diethylphthalate	15.43	149	554928	43.973	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	282638	42.696	ng		99
62) 4-Nitroaniline	15.68	138	119981	41.324	ng		98
63) Azobenzene	15.95	77	521094	44.284	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	112859	45.825	ng		99
66) n-Nitrosodiphenylamine	15.87	169	458928	45.200	ng		95
67) 4-Bromophenyl-phenylether	16.55	248	195206	42.630	ng		98
68) Hexachlorobenzene	16.68	284	214689	44.826	ng		98
69) Atrazine	16.82	200	179978	43.036	ng		97
70) Pentachlorophenol	17.02	266	242315	97.440	ng		98
71) Phenanthrene	17.40	178	838609	45.426	ng		100
72) Anthracene	17.49	178	870001	46.928	ng		97
73) Carbazole	17.76	167	808174	44.722	ng		98
74) Di-n-butylphthalate	18.33	149	973754	44.894	ng		99
75) Fluoranthene	19.41	202	1084031	46.166	ng		99
77) Benzidine	19.59	184	592508	50.501	ng		100
78) Pyrene	19.77	202	1082608	45.463	ng		100
80) Butylbenzylphthalate	20.66	149	453611	44.132	ng		99
81) Benzo(a)anthracene	21.60	228	1062953	45.677	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	310575	34.023	ng		100
83) Chrysene	21.67	228	1017620	45.478	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	640509	45.332	ng	#	99
85) Di-n-octyl phthalate	22.71	149	1114091	45.909	ng		100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1383656	47.287	ng	#	97
88) Benzo(b)fluoranthene	23.78	252	1175794	46.003	ng		98
89) Benzo(k)fluoranthene	23.85	252	1098855	45.762	ng		99
90) Benzo(a)pyrene	24.64	252	1072684	45.064	ng		98
91) Dibenzo(a,h)anthracene	28.43	278	1124669	47.017	ng		98
92) Benzo(g,h,i)perylene	29.49	276	1148505	48.007	ng		98

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

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