Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045404.D
Acq On : 15 May 2020 19:54
Operator : CG/JU
Sample : PB128906BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128906BSD

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:09 PM

Quant Time: May 16 00:32:11 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	7.97	152	64022	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	253107	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176522	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	414999	20.00	ng	0.00
76) Chrysene-d12	21.62	240	402312	20.00	ng	0.00
87) Perylene-d12	24.78	264	460896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	483330	147.54	ng	0.00
7) Phenol-d6	7.14	99	673323	144.41	ng	0.00
23) Nitrobenzene-d5	9.13	82	424605	91.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	300327	133.03	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	936150	89.96	ng	0.00
79) Terphenyl-d14	19.98	244	1632680	94.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	66103	40.691	ng	95
3) Pyridine	3.81	79	151785	33.548	ng	99
4) n-Nitrosodimethylamine	3.73	42	67798	45.794	ng	96
6) Aniline	7.29	93	226458	37.205	ng	99
8) 2-Chlorophenol	7.54	128	176124	49.025	ng	99
9) Benzaldehyde	7.09	77	131370	43.244	ng	99
10) Phenol	7.16	94	236208	49.153	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	167185	44.603	ng	97
12) 1,3-Dichlorobenzene	7.86	146	191295	44.310	ng	97
13) 1,4-Dichlorobenzene	8.00	146	193826	45.494	ng	98
14) 1,2-Dichlorobenzene	8.32	146	180583	44.069	ng	98
15) Benzyl Alcohol	8.20	79	181366	47.086	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	154310	43.370	ng	96
17) 2-Methylphenol	8.42	107	158592	44.091	ng	99
18) Hexachloroethane	9.06	117	76030	46.594	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	145702	45.189	ng	97
20) 3+4-Methylphenols	8.75	107	213181	43.524	ng	99
22) Acetophenone	8.79	105	265619	44.278	ng	98
24) Nitrobenzene	9.17	77	221206	44.483	ng	99
25) Isophorone	9.70	82	403974	44.194	ng	97
26) 2-Nitrophenol	9.88	139	100003	47.009	ng	92
27) 2,4-Dimethylphenol	9.95	122	167269	53.015	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	221023	46.106	ng	97
29) 2,4-Dichlorophenol	10.43	162	182321	48.934	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	198261	45.033	ng	98
31) Naphthalene	10.82	128	529239	44.871	ng	99
32) Benzoic acid	10.10	122	89065	42.862	ng	98
33) 4-Chloroaniline	10.93	127	128332	26.030	ng	97
34) Hexachlorobutadiene	11.12	225	136738	43.938	ng	98
35) Caprolactam	11.69	113	62126m	45.428	ng	
36) 4-Chloro-3-methylphenol	12.06	107	198375	47.250	ng	98
37) 2-Methylnaphthalene	12.43	142	403415	45.890	ng	98
38) 1-Methylnaphthalene	12.65	142	372880	44.903	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	225303	45.696	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	301371	105.900	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	157708	46.045	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	167170	42.711	ng		98
46) 1,1'-Biphenyl	13.44	154	513228	47.317	ng		98
47) 2-Chloronaphthalene	13.49	162	387153	43.956	ng		98
48) 2-Nitroaniline	13.69	65	127571	44.032	ng		95
49) Acenaphthylene	14.33	152	650729	45.996	ng		99
50) Dimethylphthalate	14.06	163	535888	44.254	ng		98
51) 2,6-Dinitrotoluene	14.18	165	121302	44.393	ng		96
52) Acenaphthene	14.68	154	476437m	50.310	ng		
53) 3-Nitroaniline	14.51	138	76804	27.650	ng		92
54) 2,4-Dinitrophenol	14.72	184	145906	81.411	ng		99
55) Dibenzofuran	15.01	168	621979	44.228	ng		96
56) 4-Nitrophenol	14.84	139	194920	92.688	ng		96
57) 2,4-Dinitrotoluene	14.97	165	173980	43.964	ng		97
58) Fluorene	15.66	166	505526	43.755	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162498	47.191	ng		98
60) Diethylphthalate	15.43	149	549030	43.561	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	281505	42.579	ng		98
62) 4-Nitroaniline	15.68	138	116724	40.253	ng		96
63) Azobenzene	15.95	77	516851	43.979	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	108681	44.966	ng		95
66) n-Nitrosodiphenylamine	15.86	169	457492	45.914	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	195988	43.613	ng		96
68) Hexachlorobenzene	16.68	284	211801	45.063	ng		98
69) Atrazine	16.82	200	179118	43.644	ng		98
70) Pentachlorophenol	17.02	266	239894	98.298	ng		99
71) Phenanthrene	17.40	178	823323	45.445	ng		99
72) Anthracene	17.49	178	855230	47.007	ng		98
73) Carbazole	17.76	167	797275	44.956	ng		99
74) Di-n-butylphthalate	18.33	149	934215	43.889	ng		99
75) Fluoranthene	19.41	202	1069055	46.392	ng		100
77) Benzidine	19.59	184	503625	44.572	ng		99
78) Pyrene	19.77	202	1054690	45.989	ng		99
80) Butylbenzylphthalate	20.66	149	436480	44.094	ng		98
81) Benzo(a)anthracene	21.60	228	1018766	45.457	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	270954	30.821	ng		100
83) Chrysene	21.67	228	977765	45.373	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	617193	45.358	ng		100
85) Di-n-octyl phthalate	22.71	149	1043495	44.650	ng		100
86) Indeno(1,2,3-cd)pyrene	28.36	276	1306667	46.369	ng	#	97
88) Benzo(b)fluoranthene	23.78	252	1092161	44.184	ng		100
89) Benzo(k)fluoranthene	23.85	252	1077032	46.379	ng		99
90) Benzo(a)pyrene	24.63	252	1012483	43.981	ng		98
91) Dibenzo(a,h)anthracene	28.43	278	1055383	45.621	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1081187	46.730	ng		99

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

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