Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045342.D
Acq On : 12 May 2020 23:45
Operator : CG/JU
Sample : PB128808BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128808BS

Manual Integrations APPROVED
mohammad
5/14/2020 11:53:52 AM

Quant Time: May 13 02:09:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	59179	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	234692	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	173619	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	422575	20.00	ng		0.00
76) Chrysene-d12	21.63	240	402290	20.00	ng		0.00
87) Perylene-d12	24.79	264	449945	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	289579	80.79	ng		0.00
7) Phenol-d6	7.14	99	408170	76.64	ng		0.00
23) Nitrobenzene-d5	9.13	82	370147	71.96	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	198440	73.98	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	867446	73.26	ng		0.00
79) Terphenyl-d14	19.98	244	1576600	85.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	45979	28.863	ng		95
3) Pyridine	3.82	79	117100	23.874	ng		99
4) n-Nitrosodimethylamine	3.73	42	55664	37.046	ng		91
6) Aniline	7.29	93	189638	27.387	ng		99
8) 2-Chlorophenol	7.54	128	159213	41.328	ng		96
9) Benzaldehyde	7.10	77	116685	38.429	ng		98
10) Phenol	7.17	94	214555	40.259	ng		99
11) bis(2-Chloroethyl)ether	7.39	93	144589	34.076	ng		97
12) 1,3-Dichlorobenzene	7.87	146	164455	36.227	ng		97
13) 1,4-Dichlorobenzene	8.01	146	164029	36.262	ng		97
14) 1,2-Dichlorobenzene	8.33	146	155485	35.930	ng		95
15) Benzyl Alcohol	8.21	79	163572	36.633	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	132522	31.817	ng		95
17) 2-Methylphenol	8.42	107	142869	34.746	ng		94
18) Hexachloroethane	9.06	117	62223	36.591	ng		98
19) n-Nitroso-di-n-propylamine	8.78	70	130411	34.625	ng		98
20) 3+4-Methylphenols	8.75	107	199757	34.708	ng		96
22) Acetophenone	8.79	105	237009	37.344	ng	#	97
24) Nitrobenzene	9.17	77	200339	37.998	ng		95
25) Isophorone	9.70	82	367031	34.845	ng		98
26) 2-Nitrophenol	9.89	139	87351	38.463	ng		94
27) 2,4-Dimethylphenol	9.95	122	150362	41.727	ng		90
28) bis(2-Chloroethoxy)methane	10.18	93	202284	36.551	ng		100
29) 2,4-Dichlorophenol	10.43	162	166617	40.044	ng		95
30) 1,2,4-Trichlorobenzene	10.64	180	175270	37.205	ng		98
31) Naphthalene	10.83	128	481921	37.536	ng		99
32) Benzoic acid	10.10	122	77468	29.452	ng		97
33) 4-Chloroaniline	10.93	127	111099	18.555	ng		97
34) Hexachlorobutadiene	11.13	225	119145	36.888	ng		98
35) Caprolactam	11.70	113	62883m	37.973	ng		
36) 4-Chloro-3-methylphenol	12.07	107	191501	39.178	ng		97
37) 2-Methylnaphthalene	12.44	142	366631	36.791	ng		99
38) 1-Methylnaphthalene	12.66	142	349508	37.152	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	202881	36.293	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	270330	77.372	ng		97
43) 2,4,6-Trichlorophenol	13.05	196	148984	37.763	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	158231	35.235	ng		97
46) 1,1'-Biphenyl	13.45	154	476787	36.131	ng		100
47) 2-Chloronaphthalene	13.49	162	363152	36.015	ng		98
48) 2-Nitroaniline	13.69	65	124236	37.448	ng		97
49) Acenaphthylene	14.34	152	626376	38.137	ng		99
50) Dimethylphthalate	14.07	163	516471	36.534	ng		99
51) 2,6-Dinitrotoluene	14.19	165	118818	37.577	ng		98
52) Acenaphthene	14.68	154	457428m	41.163	ng		
53) 3-Nitroaniline	14.52	138	76989	22.200	ng		93
54) 2,4-Dinitrophenol	14.72	184	143929	76.549	ng		95
55) Dibenzofuran	15.02	168	600563	37.069	ng		98
56) 4-Nitrophenol	14.83	139	198029	73.646	ng		98
57) 2,4-Dinitrotoluene	14.97	165	167755	36.303	ng	#	94
58) Fluorene	15.67	166	500154	37.795	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155425	38.897	ng		98
60) Diethylphthalate	15.44	149	531108	36.034	ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	275838	36.213	ng		100
62) 4-Nitroaniline	15.68	138	118499	32.944	ng		92
63) Azobenzene	15.95	77	509444	37.490	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	106739	38.428	ng		96
66) n-Nitrosodiphenylamine	15.87	169	447132	36.827	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	193071	35.416	ng		97
68) Hexachlorobenzene	16.68	284	209391	37.035	ng		100
69) Atrazine	16.82	200	174764	38.807	ng		98
70) Pentachlorophenol	17.02	266	251823	72.604	ng		96
71) Phenanthrene	17.41	178	828377	38.148	ng		99
72) Anthracene	17.50	178	852789	39.150	ng		98
73) Carbazole	17.76	167	788688	35.679	ng		99
74) Di-n-butylphthalate	18.33	149	953639	38.795	ng		99
75) Fluoranthene	19.42	202	1066910	41.293	ng		99
77) Benzidine	19.59	184	562566	48.781	ng		97
78) Pyrene	19.78	202	1064201	38.372	ng		97
80) Butylbenzylphthalate	20.67	149	438841	38.173	ng		98
81) Benzo(a)anthracene	21.61	228	1025276	39.322	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	255808	24.649	ng		99
83) Chrysene	21.67	228	974424	38.895	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	619981	39.212	ng		99
85) Di-n-octyl phthalate	22.72	149	1054811	38.579	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1284579	38.620	ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1065328	37.799	ng		99
89) Benzo(k)fluoranthene	23.86	252	1057478	39.453	ng		98
90) Benzo(a)pyrene	24.64	252	1003224	37.700	ng	#	96
91) Dibenzo(a,h)anthracene	28.44	278	1042736	38.888	ng		97
92) Benzo(g,h,i)perylene	29.50	276	1065420	39.633	ng		99

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

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