Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG044990.D
Acq On : 15 Apr 2020 20:17
Operator : CG/JU
Sample : PB128245BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Manual Integrations APPROVED
mohammad
4/16/2020 12:54:57 PM

Quant Time: Apr 16 05:14:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62692	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	271945	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	214649	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	549828	20.00	ng	0.00
76) Chrysene-d12	21.67	240	524113	20.00	ng	0.00
87) Perylene-d12	24.85	264	591112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	584140	153.83	ng	0.00
7) Phenol-d6	7.18	99	852020	151.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	527173	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	459978	138.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1264224	86.36	ng	0.00
79) Terphenyl-d14	20.01	244	2355674	97.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	67973	40.278	ng	93
3) Pyridine	3.88	79	201784	38.834	ng	98
4) n-Nitrosodimethylamine	3.79	42	73859	46.401	ng	96
6) Aniline	7.34	93	267155	36.419	ng	100
8) 2-Chlorophenol	7.59	128	217730	53.351	ng	99
9) Benzaldehyde	7.15	77	114188	34.403	ng	100
10) Phenol	7.21	94	304290	53.897	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	203677	45.312	ng	97
12) 1,3-Dichlorobenzene	7.91	146	224204	46.621	ng	97
13) 1,4-Dichlorobenzene	8.06	146	228276	47.638	ng	97
14) 1,2-Dichlorobenzene	8.38	146	212282	46.306	ng	98
15) Benzyl Alcohol	8.26	79	224785	47.521	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	189276	42.896	ng	98
17) 2-Methylphenol	8.46	107	206563	47.421	ng	96
18) Hexachloroethane	9.11	117	82198	45.629	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	185093	46.390	ng	97
20) 3+4-Methylphenols	8.79	107	292805	48.024	ng	97
22) Acetophenone	8.84	105	337146	45.845	ng	97
24) Nitrobenzene	9.22	77	274691	44.964	ng	99
25) Isophorone	9.75	82	529000	43.342	ng	98
26) 2-Nitrophenol	9.94	139	123744	47.024	ng	99
27) 2,4-Dimethylphenol	10.00	122	219035	52.458	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	303493	47.327	ng	99
29) 2,4-Dichlorophenol	10.48	162	245767	50.975	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	242666	44.454	ng	94
31) Naphthalene	10.89	128	692397	46.542	ng	98
32) Benzoic acid	10.14	122	146674	44.083	ng	97
33) 4-Chloroaniline	10.98	127	137659	19.841	ng	98
34) Hexachlorobutadiene	11.18	225	158943	42.468	ng	99
35) Caprolactam	11.75	113	103088m	53.723	ng	
36) 4-Chloro-3-methylphenol	12.11	107	288122	50.871	ng	97
37) 2-Methylnaphthalene	12.48	142	542838	47.011	ng	97
38) 1-Methylnaphthalene	12.71	142	526501	48.299	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	290528	42.038	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	410975	95.143	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	226847	46.508	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	247084	44.503	ng		97
46) 1,1'-Biphenyl	13.49	154	707482	43.364	ng		99
47) 2-Chloronaphthalene	13.53	162	550331	44.146	ng		97
48) 2-Nitroaniline	13.73	65	189355	46.166	ng		95
49) Acenaphthylene	14.38	152	931859	45.892	ng		99
50) Dimethylphthalate	14.11	163	815128	46.638	ng		100
51) 2,6-Dinitrotoluene	14.22	165	184972	47.316	ng		96
52) Acenaphthene	14.72	154	721427m	52.511	ng		
53) 3-Nitroaniline	14.55	138	108193	25.234	ng		97
54) 2,4-Dinitrophenol	14.76	184	245094	105.437	ng		97
55) Dibenzofuran	15.06	168	920337	45.948	ng		96
56) 4-Nitrophenol	14.87	139	325324	97.859	ng		97
57) 2,4-Dinitrotoluene	15.01	165	272142	47.636	ng		94
58) Fluorene	15.71	166	772570	47.221	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	248930	50.390	ng		97
60) Diethylphthalate	15.48	149	859036	47.142	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	419449	44.541	ng		97
62) 4-Nitroaniline	15.72	138	202503	45.537	ng		98
63) Azobenzene	15.99	77	796434	47.406	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	177681	49.164	ng		96
66) n-Nitrosodiphenylamine	15.91	169	727450	46.048	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	302502	42.647	ng		96
68) Hexachlorobenzene	16.72	284	334723	45.500	ng		96
69) Atrazine	16.86	200	310301	54.905	ng		98
70) Pentachlorophenol	17.06	266	427423	94.710	ng		99
71) Phenanthrene	17.45	178	1314702	46.531	ng		99
72) Anthracene	17.54	178	1346492	47.509	ng		98
73) Carbazole	17.80	167	1271979	44.225	ng		99
74) Di-n-butylphthalate	18.37	149	1499569	48.349	ng		98
75) Fluoranthene	19.45	202	1644035	50.221	ng		100
77) Benzidine	19.63	184	797334	53.672	ng		98
78) Pyrene	19.81	202	1625983	45.000	ng		99
80) Butylbenzylphthalate	20.70	149	683357	45.626	ng		99
81) Benzo(a)anthracene	21.65	228	1573244	46.313	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	355426	26.287	ng		97
83) Chrysene	21.71	228	1496814	45.860	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	947044	45.975	ng		99
85) Di-n-octyl phthalate	22.77	149	1627918	45.701	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2073220	47.843	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	1755174	47.403	ng		98
89) Benzo(k)fluoranthene	23.92	252	1619290	45.986	ng		100
90) Benzo(a)pyrene	24.71	252	1598546	45.726	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1668631	47.369	ng		97
92) Benzo(g,h,i)perylene	29.60	276	1689557	47.840	ng		100

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

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