Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
Data File : BG044253.D
Acq On : 31 Jan 2020 10:18
Operator : CG/JU
Sample : PB126367BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126367BS

Manual Integrations APPROVED
mohammad
2/3/2020 4:10:38 PM

Quant Time: Jan 31 23:42:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	76729	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	310001	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	204800	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	478737	20.00	ng	0.00
76) Chrysene-d12	21.55	240	459989	20.00	ng	0.00
87) Perylene-d12	24.64	264	518760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	550574	126.64	ng	0.00
7) Phenol-d6	7.09	99	722991	123.84	ng	0.00
23) Nitrobenzene-d5	9.07	82	380596	69.31	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	301593	125.44	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	885543	72.41	ng	0.00
79) Terphenyl-d14	19.91	244	1559567	69.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	83287	42.638	ng	99
3) Pyridine	3.77	79	195656	37.596	ng	97
4) n-Nitrosodimethylamine	3.68	42	92911	42.724	ng	95
6) Aniline	7.24	93	240538	33.192	ng	99
8) 2-Chlorophenol	7.48	128	219642	45.968	ng	99
9) Benzaldehyde	7.05	77	107368	32.290	ng	97
10) Phenol	7.11	94	266769	46.171	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	206288	41.761	ng	96
12) 1,3-Dichlorobenzene	7.81	146	235554	41.289	ng	98
13) 1,4-Dichlorobenzene	7.95	146	238384	42.189	ng	99
14) 1,2-Dichlorobenzene	8.27	146	225427	42.209	ng	99
15) Benzyl Alcohol	8.15	79	178359	43.152	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	265670	39.736	ng	99
17) 2-Methylphenol	8.36	107	189675	46.011	ng	99
18) Hexachloroethane	9.00	117	88354	41.670	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	159717	41.049	ng	98
20) 3+4-Methylphenols	8.69	107	258463	45.493	ng	99
22) Acetophenone	8.73	105	303975	40.308	ng	99
24) Nitrobenzene	9.11	77	226399	42.234	ng	99
25) Isophorone	9.64	82	433000	42.308	ng	99
26) 2-Nitrophenol	9.83	139	120616	43.363	ng	99
27) 2,4-Dimethylphenol	9.89	122	209569	53.374	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	277940	40.710	ng	99
29) 2,4-Dichlorophenol	10.37	162	215761	45.445	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	221077	40.610	ng	99
31) Naphthalene	10.77	128	644378	42.843	ng	99
32) Benzoic acid	10.04	122	47878	27.218	ng	96
33) 4-Chloroaniline	10.87	127	187438	27.402	ng	99
34) Hexachlorobutadiene	11.06	225	130329	38.906	ng	97
35) Caprolactam	11.63	113	84280m	48.460	ng	
36) 4-Chloro-3-methylphenol	12.01	107	228069	45.818	ng	100
37) 2-Methylnaphthalene	12.38	142	479394	42.929	ng	99
38) 1-Methylnaphthalene	12.59	142	456737	43.382	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	236038	38.529	ng	99

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Quant Time: Jan 31 23:42:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	294270	100.107	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	167046	42.185	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	183967	45.485	ng	98
46) 1,1'-Biphenyl	13.39	154	617172	41.779	ng	98
47) 2-Chloronaphthalene	13.43	162	477886	40.653	ng	99
48) 2-Nitroaniline	13.62	65	144880	41.762	ng	99
49) Acenaphthylene	14.27	152	763533	44.284	ng	99
50) Dimethylphthalate	14.01	163	640505	43.508	ng	99
51) 2,6-Dinitrotoluene	14.12	165	145229	44.244	ng	98
52) Acenaphthene	14.61	154	473775	42.394	ng	96
53) 3-Nitroaniline	14.45	138	107831	29.693	ng	100
54) 2,4-Dinitrophenol	14.66	184	162577	83.246	ng	98
55) Dibenzofuran	14.96	168	745576	44.064	ng	99
56) 4-Nitrophenol	14.77	139	276091	103.790	ng	96
57) 2,4-Dinitrotoluene	14.91	165	207859	45.181	ng	96
58) Fluorene	15.60	166	592152	44.433	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	166541	45.586	ng	99
60) Diethylphthalate	15.37	149	661764	45.113	ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	310289	42.941	ng	99
62) 4-Nitroaniline	15.62	138	151034	41.622	ng	98
63) Azobenzene	15.89	77	579667	45.088	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	125549	47.509	ng	99
66) n-Nitrosodiphenylamine	15.81	169	564835	42.101	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	206015	39.498	ng	99
68) Hexachlorobenzene	16.61	284	229524	39.279	ng	98
69) Atrazine	16.76	200	229856	49.985	ng	98
70) Pentachlorophenol	16.95	266	252997	85.398	ng	99
71) Phenanthrene	17.34	178	999355	43.109	ng	99
72) Anthracene	17.43	178	1033888	45.110	ng	99
73) Carbazole	17.70	167	961320	45.498	ng	99
74) Di-n-butylphthalate	18.26	149	1209323	46.316	ng	99
75) Fluoranthene	19.35	202	1252040	46.688	ng	99
77) Benzidine	19.53	184	646782	50.692	ng	99
78) Pyrene	19.71	202	1265087	42.825	ng	100
80) Butylbenzylphthalate	20.60	149	558612	41.496	ng	97
81) Benzo(a)anthracene	21.52	228	1224590	43.196	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	334126	30.367	ng	100
83) Chrysene	21.59	228	1158742	42.286	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	790546	42.665	ng	99
85) Di-n-octyl phthalate	22.62	149	1388666	43.315	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1502613	42.030	ng	100
88) Benzo(b)fluoranthene	23.66	252	1276714	42.710	ng	99
89) Benzo(k)fluoranthene	23.73	252	1287917	44.206	ng	100
90) Benzo(a)pyrene	24.50	252	1201339	42.505	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1229274	43.948	ng	98
92) Benzo(g,h,i)perylene	29.24	276	1246492	44.516	ng	99

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

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