Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044284.D
Acq On : 4 Feb 2020 17:17
Operator : CG/JU
Sample : PB126459BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:51 PM

Quant Time: Feb 05 04:50:08 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	7.92	152	77812	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	317347	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	218165	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	533769	20.00	ng		0.00
76) Chrysene-d12	21.55	240	489684	20.00	ng		0.00
87) Perylene-d12	24.64	264	506451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	576200	130.69	ng		0.00
7) Phenol-d6	7.09	99	759150	128.22	ng		0.00
23) Nitrobenzene-d5	9.07	82	392848	69.89	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	337144	131.64	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	903026	69.31	ng		0.00
79) Terphenyl-d14	19.92	244	1590538	66.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	81072	40.926	ng		99
3) Pyridine	3.77	79	189385	35.884	ng		97
4) n-Nitrosodimethylamine	3.68	42	92917	42.132	ng	#	95
6) Aniline	7.24	93	236689	32.207	ng		100
8) 2-Chlorophenol	7.48	128	225943	46.628	ng		99
9) Benzaldehyde	7.05	77	111710	33.129	ng		98
10) Phenol	7.12	94	283261	48.342	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	211103	42.141	ng		97
12) 1,3-Dichlorobenzene	7.81	146	237419	41.037	ng		98
13) 1,4-Dichlorobenzene	7.95	146	239027	41.714	ng		98
14) 1,2-Dichlorobenzene	8.27	146	227762	42.052	ng		99
15) Benzyl Alcohol	8.15	79	191434	45.670	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	270993	39.968	ng		99
17) 2-Methylphenol	8.36	107	195161	46.683	ng		99
18) Hexachloroethane	9.00	117	86008	39.999	ng		96
19) n-Nitroso-di-n-propylamine	8.72	70	162565	41.199	ng		96
20) 3+4-Methylphenols	8.69	107	270300	46.915	ng		99
22) Acetophenone	8.73	105	307754	39.864	ng		99
24) Nitrobenzene	9.12	77	233731	42.592	ng		100
25) Isophorone	9.64	82	446475	42.615	ng		100
26) 2-Nitrophenol	9.83	139	128962	45.290	ng		96
27) 2,4-Dimethylphenol	9.89	122	217017	53.992	ng		98
28) bis(2-Chloroethoxy)methane	10.12	93	278859	39.899	ng		99
29) 2,4-Dichlorophenol	10.37	162	228711	47.058	ng		100
30) 1,2,4-Trichlorobenzene	10.58	180	222588	39.941	ng		100
31) Naphthalene	10.77	128	661209	42.945	ng		99
32) Benzoic acid	10.04	122	134464	49.965	ng		93
33) 4-Chloroaniline	10.87	127	168792	24.105	ng		99
34) Hexachlorobutadiene	11.07	225	128417	37.448	ng		98
35) Caprolactam	11.64	113	96857m	54.402	ng		
36) 4-Chloro-3-methylphenol	12.01	107	247203	48.512	ng		99
37) 2-Methylnaphthalene	12.38	142	495604	43.354	ng		100
38) 1-Methylnaphthalene	12.59	142	470069	43.615	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	237342	36.368	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044284.D
Acq On : 4 Feb 2020 17:17
Operator : CG/JU
Sample : PB126459BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:51 PM

Quant Time: Feb 05 04:50:08 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	12.74	237	263908	84.278 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	186858	44.297 ng	100
44) 2,4,5-Trichlorophenol	13.06	196	205800	47.766 ng	99
46) 1,1'-Biphenyl	13.39	154	633444	40.253 ng	99
47) 2-Chloronaphthalene	13.43	162	498207	39.785 ng	99
48) 2-Nitroaniline	13.63	65	165855	44.879 ng	96
49) Acenaphthylene	14.27	152	817131	44.489 ng	99
50) Dimethylphthalate	14.01	163	680992	43.424 ng	99
51) 2,6-Dinitrotoluene	14.12	165	159472	45.607 ng	99
52) Acenaphthene	14.62	154	500218	42.018 ng	97
53) 3-Nitroaniline	14.45	138	120399	31.123 ng	99
54) 2,4-Dinitrophenol	14.66	184	204752	97.029 ng	99
55) Dibenzofuran	14.96	168	796991	44.217 ng	98
56) 4-Nitrophenol	14.77	139	327374	115.529 ng	97
57) 2,4-Dinitrotoluene	14.92	165	232767	47.496 ng	96
58) Fluorene	15.60	166	646325	45.527 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	192416	49.442 ng	99
60) Diethylphthalate	15.38	149	713536	45.663 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	329160	42.762 ng	99
62) 4-Nitroaniline	15.62	138	176616	45.690 ng	99
63) Azobenzene	15.89	77	630436	46.033 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	149659	50.794 ng	98
66) n-Nitrosodiphenylamine	15.81	169	621380	41.540 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	223500	38.433 ng	97
68) Hexachlorobenzene	16.61	284	245801	37.728 ng	97
69) Atrazine	16.76	200	252015	49.154 ng	98
70) Pentachlorophenol	16.95	266	300392	90.738 ng	96
71) Phenanthrene	17.34	178	1107281	42.840 ng	100
72) Anthracene	17.43	178	1127876	44.137 ng	99
73) Carbazole	17.70	167	1053952	44.739 ng	99
74) Di-n-butylphthalate	18.26	149	1280536	43.987 ng	99
75) Fluoranthene	19.35	202	1299850	43.473 ng	98
77) Benzidine	19.53	184	456395	33.601 ng	99
78) Pyrene	19.71	202	1326743	42.189 ng	99
80) Butylbenzylphthalate	20.60	149	614024	42.846 ng	97
81) Benzo(a)anthracene	21.53	228	1292231	42.818 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	365137	31.174 ng	97
83) Chrysene	21.59	228	1224759	41.985 ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	854240	43.306 ng	100
85) Di-n-octyl phthalate	22.62	149	1503025	44.039 ng	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1598785	42.009 ng	99
88) Benzo(b)fluoranthene	23.67	252	1361142	46.641 ng	100
89) Benzo(k)fluoranthene	23.73	252	1318362	46.351 ng	100
90) Benzo(a)pyrene	24.50	252	1263329	45.785 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1325184	48.528 ng	99
92) Benzo(g,h,i)perylene	29.26	276	1329429	48.632 ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044284.D
Acq On : 4 Feb 2020 17:17
Operator : CG/JU
Sample : PB126459BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 04:50:08 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

Instrument :
BNA_G
ClientSampleId :
PB126459BSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:17:51 PM