Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049080.D
Acq On : 24 Jun 2021 15:26
Operator : CG/JU
Sample : PB137320BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137320BSD

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:28 PM

Quant Time: Jun 24 18:04:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	34890	20.000	ng		0.00
21) Naphthalene-d8	10.929	136	144297	20.000	ng	#	0.00
39) Acenaphthene-d10	14.748	164	101912	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	251122	20.000	ng	#	0.00
76) Chrysene-d12	21.787	240	259914	20.000	ng		0.00
86) Perylene-d12	25.106	264	262466	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.664	112	300452	134.052	ng		0.00
7) Phenol-d6	7.262	99	387028	115.211	ng		0.00
23) Nitrobenzene-d5	9.278	82	279084	83.398	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	221642	146.794	ng		0.00
45) 2-Fluorobiphenyl	13.373	172	600190	83.196	ng		0.00
79) Terphenyl-d14	20.106	244	1178159	83.016	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.532	88	32297	29.517	ng	#	79
3) Pyridine	3.937	79	79407	26.752	ng		93
4) n-Nitrosodimethylamine	3.849	42	63296	44.529	ng	#	72
6) Aniline	7.427	93	145532	34.401	ng		94
8) 2-Chlorophenol	7.668	128	107695	43.594	ng		91
9) Benzaldehyde	7.239	77	72344	41.618	ng		89
10) Phenol	7.292	94	146098	42.098	ng		93
11) bis(2-Chloroethyl)ether	7.521	93	97654	37.925	ng		83
12) 1,3-Dichlorobenzene	7.997	146	110279	39.961	ng		97
13) 1,4-Dichlorobenzene	8.144	146	111579	40.555	ng		96
14) 1,2-Dichlorobenzene	8.467	146	107540	40.630	ng		94
15) Benzyl Alcohol	8.344	79	122725	39.890	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.631	45	169025	34.692	ng		84
17) 2-Methylphenol	8.549	107	94552	41.545	ng		96
18) Hexachloroethane	9.201	117	43778	39.663	ng		94
19) n-Nitroso-di-n-propyla...	8.919	70	93750	35.703	ng		96
20) 3+4-Methylphenols	8.878	107	131025	42.108	ng		95
22) Acetophenone	8.937	105	179201	40.820	ng	#	98
24) Nitrobenzene	9.319	77	142598	37.829	ng		98
25) Isophorone	9.848	82	240429	32.979	ng	#	95
26) 2-Nitrophenol	10.036	139	59188	46.289	ng		97
27) 2,4-Dimethylphenol	10.089	122	100688	43.432	ng		99
28) bis(2-Chloroethoxy)met...	10.324	93	133196	39.456	ng	#	93
29) 2,4-Dichlorophenol	10.576	162	107410	41.298	ng		92
30) 1,2,4-Trichlorobenzene	10.788	180	118993	39.905	ng		96
31) Naphthalene	10.982	128	325207	37.830	ng		99
32) Benzoic acid	10.241	122	75762	50.033	ng	#	79
33) 4-Chloroaniline	11.082	127	76581	20.981	ng		96
34) Hexachlorobutadiene	11.264	225	84812	39.906	ng		92
35) Caprolactam	11.869	113	37784m	50.256	ng		
36) 4-Chloro-3-methylphenol	12.204	107	128366	40.379	ng	#	93
37) 2-Methylnaphthalene	12.580	142	247049	38.048	ng		98
38) 1-Methylnaphthalene	12.803	142	230434	37.801	ng		96
40) 1,2,4,5-Tetrachloroben...	12.950	216	144317	44.596	ng		97
41) Hexachlorocyclopentadiene	12.926	237	204217	98.165	ng		89
43) 2,4,6-Trichlorophenol	13.185	196	101485	46.870	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049080.D
Acq On : 24 Jun 2021 15:26
Operator : CG/JU
Sample : PB137320BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137320BSD

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:28 PM

Quant Time: Jun 24 18:04:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	113005	50.472	ng		90
46) 1,1'-Biphenyl	13.585	154	318376	42.374	ng		98
47) 2-Chloronaphthalene	13.632	162	245580	40.930	ng		99
48) 2-Nitroaniline	13.825	65	100733	46.262	ng		96
49) Acenaphthylene	14.472	152	410530	41.060	ng		97
50) Dimethylphthalate	14.201	163	343323	43.248	ng		99
51) 2,6-Dinitrotoluene	14.319	165	76062	47.049	ng		98
52) Acenaphthene	14.812	154	239698	37.195	ng		94
53) 3-Nitroaniline	14.648	138	55173	33.709	ng		89
54) 2,4-Dinitrophenol	14.854	184	103428	138.115	ng		95
55) Dibenzofuran	15.147	168	399032	39.834	ng		98
56) 4-Nitrophenol	14.959	139	135560	101.590	ng		90
57) 2,4-Dinitrotoluene	15.106	165	112884	56.847	ng		92
58) Fluorene	15.794	166	331245	40.438	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	106574	47.025	ng		97
60) Diethylphthalate	15.565	149	373373	43.426	ng		97
61) 4-Chlorophenyl-phenyle...	15.788	204	185123	43.221	ng		99
62) 4-Nitroaniline	15.817	138	81203	49.057	ng	#	81
63) Azobenzene	16.082	77	358748	36.467	ng		89
65) 4,6-Dinitro-2-methylph...	15.870	198	66303	55.678	ng		94
66) n-Nitrosodiphenylamine	15.999	169	299939	38.326	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	128878	41.102	ng		96
68) Hexachlorobenzene	16.804	284	144297	42.459	ng		96
69) Atrazine	16.945	200	135352	53.883	ng		97
70) Pentachlorophenol	17.145	266	189307	92.688	ng		95
71) Phenanthrene	17.539	178	562379	39.800	ng		97
72) Anthracene	17.633	178	577234	40.654	ng		98
73) Carbazole	17.897	167	537519	39.494	ng		98
74) Di-n-butylphthalate	18.455	149	664166	43.509	ng		98
75) Fluoranthene	19.548	202	731495	42.930	ng		98
77) Benzidine	19.724	184	316349	60.419	ng		98
78) Pyrene	19.907	202	740132	39.233	ng		99
80) Butylbenzylphthalate	20.788	149	296567	41.666	ng		97
81) Benzo(a)anthracene	21.769	228	744607	39.900	ng		98
82) 3,3'-Dichlorobenzidine	21.675	252	219848	36.839	ng		98
83) Chrysene	21.834	228	710470	39.707	ng		95
84) Bis(2-ethylhexyl)phtha...	21.663	149	431283	42.509	ng		96
85) Di-n-octyl phthalate	22.915	149	731273	42.498	ng		98
87) Indeno(1,2,3-cd)pyrene	28.919	276	911988	46.170	ng		98
88) Benzo(b)fluoranthene	24.049	252	789688	42.206	ng	#	95
89) Benzo(k)fluoranthene	24.125	252	764854	43.085	ng	#	99
90) Benzo(a)pyrene	24.954	252	756716	44.306	ng	#	96
91) Dibenzo(a,h)anthracene	28.990	278	757494	45.885	ng	#	97
92) Benzo(g,h,i)perylene	30.118	276	752808	45.223	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049080.D
Acq On : 24 Jun 2021 15:26
Operator : CG/JU
Sample : PB137320BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 24 18:04:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB137320BSD

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:28 PM