Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061621\
Data File : BG048994.D
Acq On : 16 Jun 2021 11:21
Operator : CG/JU
Sample : PB137134BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
6/17/2021 12:15:32 PM

Quant Time: Jun 16 12:06:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	34051	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	140756	20.000	ng	# 0.00
39) Acenaphthene-d10	14.759	164	105182	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	255646	20.000	ng	# 0.00
76) Chrysene-d12	21.804	240	263467	20.000	ng	0.00
86) Perylene-d12	25.141	264	270870	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	295526	135.103	ng	0.00
7) Phenol-d6	7.268	99	387979	118.340	ng	0.00
23) Nitrobenzene-d5	9.283	82	273746	83.861	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	198614	127.453	ng	0.00
45) 2-Fluorobiphenyl	13.384	172	584818	78.545	ng	0.00
79) Terphenyl-d14	20.117	244	1132909	78.751	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	36810	34.470	ng	# 85
3) Pyridine	3.936	79	91874	31.715	ng	91
4) n-Nitrosodimethylamine	3.848	42	72324	52.134	ng	# 80
6) Aniline	7.432	93	130014	31.490	ng	90
8) 2-Chlorophenol	7.679	128	109001	45.210	ng	88
9) Benzaldehyde	7.244	77	34212	20.167	ng	90
10) Phenol	7.297	94	149169	44.042	ng	92
11) bis(2-Chloroethyl)ether	7.526	93	102494	40.785	ng	82
12) 1,3-Dichlorobenzene	8.002	146	113590	42.175	ng	96
13) 1,4-Dichlorobenzene	8.149	146	116904	43.537	ng	97
14) 1,2-Dichlorobenzene	8.472	146	110594	42.814	ng	92
15) Benzyl Alcohol	8.349	79	128164	42.685	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.648	45	195418	41.098	ng	83
17) 2-Methylphenol	8.554	107	99715	44.893	ng	96
18) Hexachloroethane	9.207	117	47487	44.083	ng	99
19) n-Nitroso-di-n-propyla...	8.925	70	98122	38.289	ng	# 97
20) 3+4-Methylphenols	8.883	107	135627	44.660	ng	98
22) Acetophenone	8.942	105	184535	43.092	ng	# 97
24) Nitrobenzene	9.324	77	152803	41.556	ng	99
25) Isophorone	9.853	82	259321	36.465	ng	99
26) 2-Nitrophenol	10.041	139	59016	47.316	ng	98
27) 2,4-Dimethylphenol	10.100	122	106432	47.064	ng	94
28) bis(2-Chloroethoxy)met...	10.335	93	139911	42.488	ng	97
29) 2,4-Dichlorophenol	10.587	162	110185	43.430	ng	94
30) 1,2,4-Trichlorobenzene	10.799	180	122045	41.958	ng	97
31) Naphthalene	10.993	128	338341	40.348	ng	100
32) Benzoic acid	10.247	122	75736	51.274	ng	# 74
33) 4-Chloroaniline	11.093	127	51012	14.327	ng	95
34) Hexachlorobutadiene	11.275	225	86642	41.793	ng	95
35) Caprolactam	11.868	113	38293m	52.214	ng	
36) 4-Chloro-3-methylphenol	12.215	107	129080	41.625	ng	# 92
37) 2-Methylnaphthalene	12.591	142	252803	39.913	ng	98
38) 1-Methylnaphthalene	12.808	142	231511	38.933	ng	96
40) 1,2,4,5-Tetrachloroben...	12.955	216	139856	41.874	ng	97
41) Hexachlorocyclopentadiene	12.938	237	215093	100.179	ng	93
43) 2,4,6-Trichlorophenol	13.190	196	102266	45.762	ng	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.272	196	108748	47.061	ng		93
46) 1,1'-Biphenyl	13.596	154	321061	41.403	ng		96
47) 2-Chloronaphthalene	13.637	162	249439	40.281	ng		97
48) 2-Nitroaniline	13.836	65	104856	46.579	ng		98
49) Acenaphthylene	14.483	152	418634	40.569	ng		97
50) Dimethylphthalate	14.213	163	353941	43.200	ng		99
51) 2,6-Dinitrotoluene	14.324	165	78214	46.876	ng		98
52) Acenaphthene	14.824	154	248216	37.319	ng		93
53) 3-Nitroaniline	14.659	138	49023	29.020	ng		90
54) 2,4-Dinitrophenol	14.859	184	92107	119.174	ng		94
55) Dibenzofuran	15.158	168	405523	39.224	ng		98
56) 4-Nitrophenol	14.970	139	133547	96.970	ng		89
57) 2,4-Dinitrotoluene	15.111	165	113227	55.247	ng		94
58) Fluorene	15.811	166	339066	40.106	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.382	232	102980	44.027	ng		99
60) Diethylphthalate	15.570	149	375373	42.302	ng		96
61) 4-Chlorophenyl-phenyle...	15.799	204	184436	41.722	ng		96
62) 4-Nitroaniline	15.822	138	78310	45.839	ng		86
63) Azobenzene	16.093	77	387622	38.177	ng		89
65) 4,6-Dinitro-2-methylph...	15.875	198	62150	51.267	ng		94
66) n-Nitrosodiphenylamine	16.010	169	299683	37.616	ng		97
67) 4-Bromophenyl-phenylether	16.692	248	125225	39.230	ng		98
68) Hexachlorobenzene	16.815	284	138124	39.924	ng		96
69) Atrazine	16.956	200	133312	52.131	ng		99
70) Pentachlorophenol	17.156	266	185708	89.317	ng		97
71) Phenanthrene	17.550	178	563070	39.144	ng		97
72) Anthracene	17.644	178	577448	39.950	ng		99
73) Carbazole	17.908	167	545854	39.397	ng		98
74) Di-n-butylphthalate	18.466	149	675668	43.479	ng		98
75) Fluoranthene	19.559	202	730109	42.091	ng		97
77) Benzidine	19.735	184	322276	60.721	ng		97
78) Pyrene	19.918	202	738664	38.627	ng		96
80) Butylbenzylphthalate	20.805	149	311338	43.152	ng		99
81) Benzo(a)anthracene	21.780	228	758453	40.094	ng		99
82) 3,3'-Dichlorobenzidine	21.692	252	184012	30.418	ng		99
83) Chrysene	21.851	228	727980	40.137	ng		96
84) Bis(2-ethylhexyl)phtha...	21.686	149	462781	44.998	ng	#	96
85) Di-n-octyl phthalate	22.943	149	780711	44.759	ng		96
87) Indeno(1,2,3-cd)pyrene	28.966	276	933738	45.804	ng	#	94
88) Benzo(b)fluoranthene	24.077	252	820356	42.485	ng	#	96
89) Benzo(k)fluoranthene	24.148	252	776081	42.361	ng	#	98
90) Benzo(a)pyrene	24.988	252	773411	43.879	ng	#	98
91) Dibenzo(a,h)anthracene	29.036	278	795205	46.675	ng	#	96
92) Benzo(g,h,i)perylene	30.164	276	776002	45.170	ng		97

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

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