Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
Data File : BG051167.D
Acq On : 22 Nov 2021 12:18
Operator : CG/JU
Sample : PB140838BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 17:16:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB140838BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.205	152	25144	20.000	ng		0.00
21) Naphthalene-d8	11.037	136	114350	20.000	ng	#	0.00
39) Acenaphthene-d10	14.844	164	85570	20.000	ng		0.00
64) Phenanthrene-d10	17.588	188	196118	20.000	ng	#	0.00
76) Chrysene-d12	21.894	240	175805	20.000	ng	#	0.01
86) Perylene-d12	25.296	264	174963	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.743	112	213325	131.152	ng		0.00
7) Phenol-d6	7.364	99	288871	126.094	ng		0.00
23) Nitrobenzene-d5	9.386	82	193122	77.094	ng		0.00
42) 2,4,6-Tribromophenol	16.336	330	109717	120.635	ng		0.00
45) 2-Fluorobiphenyl	13.463	172	411354	72.540	ng		0.00
79) Terphenyl-d14	20.179	244	734513	76.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.581	88	22957	33.659	ng		90
3) Pyridine	3.992	79	54618	26.918	ng	#	87
4) n-Nitrosodimethylamine	3.910	42	37759	43.282	ng	#	34
6) Aniline	7.523	93	117169	43.055	ng		97
8) 2-Chlorophenol	7.770	128	81495	47.739	ng		92
9) Benzaldehyde	7.341	77	57103	34.451	ng		91
10) Phenol	7.394	94	112038	47.641	ng	#	80
11) bis(2-Chloroethyl)ether	7.617	93	74886	42.119	ng		87
12) 1,3-Dichlorobenzene	8.093	146	77112	42.223	ng		93
13) 1,4-Dichlorobenzene	8.240	146	77442	40.903	ng		97
14) 1,2-Dichlorobenzene	8.563	146	76494	42.591	ng		95
15) Benzyl Alcohol	8.445	79	84575	46.206	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.727	45	111882	43.531	ng		88
17) 2-Methylphenol	8.651	107	75102	47.303	ng		92
18) Hexachloroethane	9.297	117	29559	41.779	ng		96
19) n-Nitroso-di-n-propyla...	9.009	70	70894	41.924	ng	#	86
20) 3+4-Methylphenols	8.980	107	103604	45.789	ng		94
22) Acetophenone	9.039	105	123725	40.050	ng	#	92
24) Nitrobenzene	9.427	77	103605	42.647	ng		91
25) Isophorone	9.944	82	188775	41.859	ng	#	96
26) 2-Nitrophenol	10.143	139	45440	41.318	ng	#	87
27) 2,4-Dimethylphenol	10.190	122	80792	49.771	ng		95
28) bis(2-Chloroethoxy)met...	10.425	93	108138	40.268	ng		92
29) 2,4-Dichlorophenol	10.684	162	81749	44.622	ng		94
30) 1,2,4-Trichlorobenzene	10.896	180	82675	40.175	ng		96
31) Naphthalene	11.084	128	248564	41.194	ng		98
32) Benzoic acid	10.355	122	48765	43.202	ng		84
33) 4-Chloroaniline	11.195	127	88861	34.269	ng		95
34) Hexachlorobutadiene	11.354	225	49416	38.893	ng		93
35) Caprolactam	11.977	113	33455m	68.377	ng		
36) 4-Chloro-3-methylphenol	12.312	107	104174	46.053	ng	#	92
37) 2-Methylnaphthalene	12.676	142	185365	43.361	ng		95
38) 1-Methylnaphthalene	12.899	142	172433	41.316	ng		94
40) 1,2,4,5-Tetrachloroben...	13.040	216	100640	38.698	ng		98
41) Hexachlorocyclopentadiene	13.011	237	78445	105.021	ng		96
43) 2,4,6-Trichlorophenol	13.281	196	73354	40.909	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.363	196	80081	41.321	ng		88
46) 1,1'-Biphenyl	13.675	154	238969	38.850	ng		96
47) 2-Chloronaphthalene	13.727	162	193460	39.727	ng		97
48) 2-Nitroaniline	13.933	65	77196	43.859	ng		85
49) Acenaphthylene	14.568	152	320634	41.297	ng		96
50) Dimethylphthalate	14.286	163	268397	40.713	ng		100
51) 2,6-Dinitrotoluene	14.415	165	60101	43.647	ng		83
52) Acenaphthene	14.908	154	187340	41.343	ng		92
53) 3-Nitroaniline	14.756	138	56125	36.386	ng		97
54) 2,4-Dinitrophenol	14.967	184	67961	88.608	ng		83
55) Dibenzofuran	15.237	168	315093	40.040	ng		96
56) 4-Nitrophenol	15.067	139	99629	91.820	ng	#	74
57) 2,4-Dinitrotoluene	15.208	165	88412	44.826	ng	#	90
58) Fluorene	15.884	166	256469	41.509	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.467	232	69951	42.042	ng	#	100
60) Diethylphthalate	15.637	149	290248	41.750	ng		97
61) 4-Chlorophenyl-phenyle...	15.866	204	137663	40.756	ng		97
62) 4-Nitroaniline	15.919	138	67949	41.194	ng	#	65
63) Azobenzene	16.166	77	289233	41.542	ng	#	82
65) 4,6-Dinitro-2-methylph...	15.972	198	48148	41.109	ng		91
66) n-Nitrosodiphenylamine	16.089	169	237247	42.155	ng		97
67) 4-Bromophenyl-phenylether	16.765	248	88510	41.727	ng		94
68) Hexachlorobenzene	16.888	284	90566	42.008	ng		95
69) Atrazine	17.029	200	96851	64.708	ng		97
70) Pentachlorophenol	17.241	266	88207	89.996	ng		96
71) Phenanthrene	17.635	178	439079	41.654	ng		97
72) Anthracene	17.723	178	449688	43.003	ng		99
73) Carbazole	17.993	167	408862	39.750	ng		99
74) Di-n-butylphthalate	18.522	149	507646	40.766	ng	#	97
75) Fluoranthene	19.632	202	536603	41.292	ng		96
77) Benzidine	19.809	184	290540	100.646	ng		98
78) Pyrene	19.997	202	540444	42.388	ng		98
80) Butylbenzylphthalate	20.860	149	224341	41.273	ng		96
81) Benzo(a)anthracene	21.871	228	490082	40.876	ng		100
82) 3,3'-Dichlorobenzidine	21.777	252	145320	27.123	ng	#	98
83) Chrysene	21.941	228	473664	42.075	ng		96
84) Bis(2-ethylhexyl)phtha...	21.736	149	324249	42.825	ng		97
85) Di-n-octyl phthalate	23.005	149	549977	43.352	ng		99
87) Indeno(1,2,3-cd)pyrene	29.233	276	545207	43.420	ng	#	89
88) Benzo(b)fluoranthene	24.209	252	499261	46.290	ng	#	95
89) Benzo(k)fluoranthene	24.280	252	488150	44.618	ng	#	96
90) Benzo(a)pyrene	25.144	252	484160	51.732	ng	#	95
91) Dibenzo(a,h)anthracene	29.286	278	456373	44.118	ng	#	92
92) Benzo(g,h,i)perylene	30.461	276	450940	44.077	ng	#	91

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

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