Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046850.D
Acq On : 12 Oct 2020 17:02
Operator : CG/JU
Sample : L4337-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Manual Integrations APPROVED
mohammad
10/13/2020 2:59:48 PM

Quant Time: Oct 12 17:42:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	61473	20.00	ng	0.00
21) Naphthalene-d8	10.916	136	228214	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	170684	20.00	ng	0.00
64) Phenanthrene-d10	17.473	188	456892	20.00	ng	# 0.00
76) Chrysene-d12	21.745	240	504141	20.00	ng	#-0.01
86) Perylene-d12	25.012	264	514407	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	395568	103.09	ng	0.00
7) Phenol-d6	7.256	99	529951	97.91	ng	0.00
23) Nitrobenzene-d5	9.265	82	359650	83.84	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	294493	130.85	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	806488	66.89	ng	0.00
79) Terphenyl-d14	20.076	244	1614277	64.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.560	88	62111	34.69	ng	# 89
3) Pyridine	3.954	79	176168	34.78	ng	# 94
4) n-Nitrosodimethylamine	3.866	42	98927	37.32	ng	# 70
6) Aniline	7.420	93	136047	20.80	ng	95
8) 2-Chlorophenol	7.667	128	169959	44.45	ng	97
9) Benzaldehyde	7.238	77	38142	7.74	ng	96
10) Phenol	7.285	94	230382	42.76	ng	78
11) bis(2-Chloroethyl)ether	7.520	93	162808	39.10	ng	95
12) 1,3-Dichlorobenzene	7.996	146	195923	39.68	ng	# 88
13) 1,4-Dichlorobenzene	8.143	146	199239	40.72	ng	98
14) 1,2-Dichlorobenzene	8.460	146	188985	41.41	ng	97
15) Benzyl Alcohol	8.337	79	180281	40.51	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.631	45	224920	30.78	ng	96
17) 2-Methylphenol	8.543	107	150802	43.59	ng	# 89
18) Hexachloroethane	9.195	117	70043	37.95	ng	97
19) n-Nitroso-di-n-propyla...	8.907	70	138953	37.44	ng	97
20) 3+4-Methylphenols	8.866	107	205431	43.57	ng	93
22) Acetophenone	8.925	105	265595	40.07	ng	# 93
24) Nitrobenzene	9.306	77	210621	44.98	ng	89
25) Isophorone	9.829	82	371195	39.64	ng	# 94
26) 2-Nitrophenol	10.023	139	96241	56.85	ng	# 75
27) 2,4-Dimethylphenol	10.076	122	163065	48.19	ng	89
28) bis(2-Chloroethoxy)met...	10.317	93	210167	36.38	ng	97
29) 2,4-Dichlorophenol	10.558	162	192453	47.28	ng	96
30) 1,2,4-Trichlorobenzene	10.775	180	202077	41.59	ng	95
31) Naphthalene	10.969	128	506447	40.91	ng	97
32) Benzoic acid	10.211	122	138116	57.12	ng	90
33) 4-Chloroaniline	11.063	127	86199	15.72	ng	# 92
34) Hexachlorobutadiene	11.251	225	138874	38.99	ng	95
35) Caprolactam	11.833	113	72985m	52.94	ng	
36) 4-Chloro-3-methylphenol	12.180	107	210790	48.17	ng	88
37) 2-Methylnaphthalene	12.561	142	384728	41.92	ng	# 95
38) 1-Methylnaphthalene	12.785	142	366605	43.04	ng	98
40) 1,2,4,5-Tetrachloroben...	12.932	216	246435	40.16	ng	# 96
41) Hexachlorocyclopentadiene	12.908	237	316717	88.74	ng	99
43) 2,4,6-Trichlorophenol	13.161	196	178862	46.35	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.231	196	192074	49.46	ng	#	95
46) 1,1'-Biphenyl	13.566	154	533366	40.64	ng		95
47) 2-Chloronaphthalene	13.607	162	417239	39.13	ng		98
48) 2-Nitroaniline	13.801	65	152359	53.82	ng	#	80
49) Acenaphthylene	14.453	152	646638	41.21	ng		98
50) Dimethylphthalate	14.177	163	654969	48.04	ng		99
51) 2,6-Dinitrotoluene	14.295	165	129953	58.65	ng	#	75
52) Acenaphthene	14.794	154	496256m	46.56	ng		
53) 3-Nitroaniline	14.624	138	67149	26.82	ng	#	77
54) 2,4-Dinitrophenol	14.829	184	154672	127.82	ng	#	75
55) Dibenzofuran	15.123	168	681205	42.34	ng		95
56) 4-Nitrophenol	14.929	139	256202	124.24	ng	#	67
57) 2,4-Dinitrotoluene	15.082	165	193444	65.93	ng	#	82
58) Fluorene	15.775	166	568027	44.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.346	232	203294m	52.37	ng		
60) Diethylphthalate	15.540	149	600311	43.80	ng		98
61) 4-Chlorophenyl-phenyle...	15.764	204	324780	44.15	ng		96
62) 4-Nitroaniline	15.787	138	144683	52.05	ng	#	69
63) Azobenzene	16.057	77	537565	39.90	ng		93
65) 4,6-Dinitro-2-methylph...	15.846	198	134623	70.99	ng		91
66) n-Nitrosodiphenylamine	15.975	169	544338	39.66	ng		98
67) 4-Bromophenyl-phenylether	16.657	248	227190	39.35	ng		95
68) Hexachlorobenzene	16.774	284	243687	39.23	ng		92
69) Atrazine	16.921	200	186341	33.79	ng		97
70) Pentachlorophenol	17.121	266	359446	100.25	ng		89
71) Phenanthrene	17.515	178	1029442	41.50	ng		97
72) Anthracene	17.603	178	1040043	42.49	ng		98
73) Carbazole	17.873	167	958842	43.05	ng		99
74) Di-n-butylphthalate	18.425	149	1103333	40.30	ng	#	98
75) Fluoranthene	19.518	202	1420937	44.98	ng		97
77) Benzidine	19.688	184	410269	26.40	ng		97
78) Pyrene	19.876	202	1409620	43.50	ng		98
80) Butylbenzylphthalate	20.758	149	509298	40.67	ng		89
81) Benzo(a)anthracene	21.727	228	1395597	41.46	ng		98
82) 3,3'-Dichlorobenzidine	21.639	252	300373	22.99	ng	#	99
83) Chrysene	21.798	228	1318717	41.00	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	737300	40.08	ng		95
85) Di-n-octyl phthalate	22.861	149	1233337	38.99	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.743	276	1613185	42.39	ng	#	88
88) Benzo(b)fluoranthene	23.978	252	1473454	43.71	ng	#	98
89) Benzo(k)fluoranthene	24.048	252	1340431	41.36	ng	#	98
90) Benzo(a)pyrene	24.865	252	1309554	41.28	ng	#	98
91) Dibenzo(a,h)anthracene	28.813	278	1324936	42.56	ng	#	97
92) Benzo(g,h,i)perylene	29.912	276	1330764	43.71	ng	#	92

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

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