Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100720\
Data File : BG046803.D
Acq On : 7 Oct 2020 15:43
Operator : CG/JU
Sample : L4274-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1MS

Manual Integrations APPROVED
mohammad
10/8/2020 12:28:45 PM

Quant Time: Oct 07 16:32:11 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	8.112	152	67734	20.00	ng		0.00
21) Naphthalene-d8	10.920	136	261663	20.00	ng		# 0.00
39) Acenaphthene-d10	14.733	164	186551	20.00	ng		0.00
64) Phenanthrene-d10	17.477	188	458217	20.00	ng		0.00
76) Chrysene-d12	21.754	240	483874	20.00	ng		# 0.00
86) Perylene-d12	25.027	264	497919	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.667	112	307089	72.63	ng		0.00
7) Phenol-d6	7.260	99	419726	70.38	ng		0.00
23) Nitrobenzene-d5	9.269	82	292347	59.44	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	195876	79.63	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	671814	50.98	ng		0.00
79) Terphenyl-d14	20.080	244	1220704	50.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	64847	32.87	ng	#	91
3) Pyridine	3.958	79	188796	33.83	ng		97
4) n-Nitrosodimethylamine	3.869	42	103539	35.45	ng	#	77
6) Aniline	7.430	93	180191	25.00	ng		93
8) 2-Chlorophenol	7.671	128	180801	42.91	ng		95
9) Benzaldehyde	7.242	77	49732	10.52	ng		83
10) Phenol	7.283	94	255397	43.02	ng		81
11) bis(2-Chloroethyl)ether	7.524	93	173934	37.91	ng		94
12) 1,3-Dichlorobenzene	8.000	146	210921	38.77	ng	#	91
13) 1,4-Dichlorobenzene	8.147	146	215748	40.01	ng		97
14) 1,2-Dichlorobenzene	8.464	146	203488	40.47	ng		94
15) Benzyl Alcohol	8.341	79	193420	39.45	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.640	45	255587	31.75	ng		98
17) 2-Methylphenol	8.540	107	161504	42.37	ng	#	89
18) Hexachloroethane	9.198	117	76531	37.63	ng		95
19) n-Nitroso-di-n-propyla...	8.911	70	150031	36.69	ng		93
20) 3+4-Methylphenols	8.869	107	219857	42.32	ng		92
22) Acetophenone	8.928	105	288631	37.98	ng		94
24) Nitrobenzene	9.316	77	232436	43.29	ng	#	87
25) Isophorone	9.839	82	404206	37.65	ng	#	91
26) 2-Nitrophenol	10.027	139	102302	52.71	ng	#	80
27) 2,4-Dimethylphenol	10.080	122	173176	44.64	ng	#	85
28) bis(2-Chloroethoxy)met...	10.321	93	233750	35.29	ng		94
29) 2,4-Dichlorophenol	10.562	162	199645	42.78	ng		96
30) 1,2,4-Trichlorobenzene	10.785	180	217754	39.09	ng		98
31) Naphthalene	10.973	128	553502	39.00	ng		99
32) Benzoic acid	10.209	122	129874	47.98	ng	#	88
33) 4-Chloroaniline	11.073	127	104168	16.57	ng		94
34) Hexachlorobutadiene	11.255	225	156692	38.37	ng		93
35) Caprolactam	11.837	113	64980m	41.11	ng		
36) 4-Chloro-3-methylphenol	12.183	107	208147	41.49	ng		90
37) 2-Methylnaphthalene	12.571	142	418640	39.79	ng	#	94
38) 1-Methylnaphthalene	12.788	142	391605	40.10	ng		99
40) 1,2,4,5-Tetrachloroben...	12.935	216	265269	39.56	ng	#	97
41) Hexachlorocyclopentadiene	12.918	237	354591	90.90	ng		98
43) 2,4,6-Trichlorophenol	13.164	196	179786	42.63	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	193462	45.58	ng	#	95
46) 1,1'-Biphenyl	13.570	154	562820	39.24	ng		95
47) 2-Chloronaphthalene	13.611	162	436791	37.48	ng		95
48) 2-Nitroaniline	13.805	65	148754	48.08	ng	#	78
49) Acenaphthylene	14.457	152	671939	39.18	ng		98
50) Dimethylphthalate	14.181	163	670367	44.99	ng		100
51) 2,6-Dinitrotoluene	14.298	165	127768	52.76	ng	#	74
52) Acenaphthene	14.798	154	519799	44.62	ng		96
53) 3-Nitroaniline	14.627	138	78688	28.75	ng	#	84
54) 2,4-Dinitrophenol	14.833	184	156111	118.04	ng	#	75
55) Dibenzofuran	15.133	168	688692	39.16	ng		95
56) 4-Nitrophenol	14.927	139	228184	101.24	ng	#	63
57) 2,4-Dinitrotoluene	15.086	165	181095	56.47	ng	#	82
58) Fluorene	15.779	166	570652	40.52	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.350	232	194708	45.90	ng	#	95
60) Diethylphthalate	15.544	149	570222	38.06	ng		98
61) 4-Chlorophenyl-phenyle...	15.767	204	324428	40.35	ng		99
62) 4-Nitroaniline	15.791	138	129792	42.72	ng	#	67
63) Azobenzene	16.061	77	541216	36.75	ng		92
65) 4,6-Dinitro-2-methylph...	15.850	198	114863	60.39	ng		91
66) n-Nitrosodiphenylamine	15.985	169	519388	37.73	ng		98
67) 4-Bromophenyl-phenylether	16.666	248	219151	37.85	ng		95
68) Hexachlorobenzene	16.784	284	236165	37.91	ng		96
69) Atrazine	16.925	200	165878	29.99	ng		98
70) Pentachlorophenol	17.125	266	330949	92.03	ng		89
71) Phenanthrene	17.518	178	959080	38.55	ng		98
72) Anthracene	17.612	178	991281	40.38	ng		98
73) Carbazole	17.877	167	873248	39.09	ng		98
74) Di-n-butylphthalate	18.435	149	1000244	36.43	ng	#	97
75) Fluoranthene	19.522	202	1254605	39.60	ng		97
77) Benzidine	19.698	184	438504	29.40	ng		98
78) Pyrene	19.886	202	1254313	40.33	ng		99
80) Butylbenzylphthalate	20.767	149	460205	38.29	ng	#	88
81) Benzo(a)anthracene	21.737	228	1251968	38.76	ng		99
82) 3,3'-Dichlorobenzidine	21.643	252	251556	20.06	ng		98
83) Chrysene	21.801	228	1204716	39.03	ng		100
84) Bis(2-ethylhexyl)phtha...	21.643	149	658170	37.28	ng		96
85) Di-n-octyl phthalate	22.877	149	1127899	37.15	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.770	276	1504342	40.84	ng	#	89
88) Benzo(b)fluoranthene	23.993	252	1327751	40.69	ng	#	96
89) Benzo(k)fluoranthene	24.058	252	1227017	39.11	ng	#	97
90) Benzo(a)pyrene	24.874	252	1187882	38.69	ng	#	97
91) Dibenzo(a,h)anthracene	28.846	278	1237087	41.05	ng	#	95
92) Benzo(g,h,i)perylene	29.945	276	1241469	42.13	ng	#	94

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

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