Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
Data File : BG048807.D
Acq On : 20 Apr 2021 23:34
Operator : CG/JU
Sample : M2076-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-15-9.5-10.0MS

Manual Integrations APPROVED
mohammad
4/21/2021 11:24:47 AM

Quant Time: Apr 21 04:33:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	15736	20.00	ng		# 0.00
21) Naphthalene-d8	10.890	136	68268	20.00	ng		0.00
39) Acenaphthene-d10	14.721	164	52090	20.00	ng		0.00
64) Phenanthrene-d10	17.477	188	136440	20.00	ng		# 0.00
76) Chrysene-d12	21.778	240	134094	20.00	ng		0.00
86) Perylene-d12	25.097	264	134365	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.608	112	111750	118.77	ng		0.00
7) Phenol-d6	7.224	99	154564	116.14	ng		0.00
23) Nitrobenzene-d5	9.234	82	109008	71.49	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	81488	116.68	ng		0.00
45) 2-Fluorobiphenyl	13.341	172	256030	70.98	ng		0.00
79) Terphenyl-d14	20.091	244	520012	66.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	14531	39.42	ng		97
3) Pyridine	3.863	79	40511	42.16	ng		92
4) n-Nitrosodimethylamine	3.775	42	34772	47.40	ng		91
6) Aniline	7.377	93	58485	39.15	ng	#	87
8) 2-Chlorophenol	7.624	128	53709	53.81	ng		94
9) Benzaldehyde	7.189	77	37388	42.40	ng		89
10) Phenol	7.254	94	74908	57.24	ng		97
11) bis(2-Chloroethyl)ether	7.471	93	44244	50.17	ng		89
12) 1,3-Dichlorobenzene	7.947	146	57050	49.71	ng		97
13) 1,4-Dichlorobenzene	8.094	146	56417	48.24	ng		94
14) 1,2-Dichlorobenzene	8.417	146	56301	52.18	ng		94
15) Benzyl Alcohol	8.299	79	63102	53.81	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.593	45	47859	50.06	ng		94
17) 2-Methylphenol	8.511	107	47867	57.30	ng		96
18) Hexachloroethane	9.151	117	22191	48.31	ng		90
19) n-Nitroso-di-n-propyla...	8.869	70	47060	52.41	ng	#	92
20) 3+4-Methylphenols	8.840	107	65521	56.84	ng		97
22) Acetophenone	8.893	105	87224	49.09	ng	#	99
24) Nitrobenzene	9.275	77	71008	46.69	ng		96
25) Isophorone	9.804	82	125325	46.48	ng		98
26) 2-Nitrophenol	9.992	139	30634	46.53	ng	#	90
27) 2,4-Dimethylphenol	10.056	122	59125	58.42	ng		92
28) bis(2-Chloroethoxy)met...	10.285	93	62184	52.93	ng	#	90
29) 2,4-Dichlorophenol	10.538	162	59437	52.08	ng		91
30) 1,2,4-Trichlorobenzene	10.749	180	62625	47.32	ng		96
31) Naphthalene	10.943	128	170292	48.61	ng		98
32) Benzoic acid	10.221	122	24687	41.63	ng	#	72
33) 4-Chloroaniline	11.049	127	25720	17.65	ng	#	89
34) Hexachlorobutadiene	11.225	225	42868	43.63	ng		92
35) Caprolactam	11.825	113	23063m	59.47	ng		
36) 4-Chloro-3-methylphenol	12.183	107	70041	54.19	ng		96
37) 2-Methylnaphthalene	12.547	142	136874	48.90	ng		97
38) 1-Methylnaphthalene	12.771	142	126720	48.65	ng		97
40) 1,2,4,5-Tetrachloroben...	12.918	216	77873	45.93	ng		96
41) Hexachlorocyclopentadiene	12.894	237	76975	83.00	ng		94
43) 2,4,6-Trichlorophenol	13.158	196	53389	47.18	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.229	196	61104	50.85	ng		88
46) 1,1'-Biphenyl	13.552	154	188353	48.95	ng		98
47) 2-Chloronaphthalene	13.599	162	138957	47.28	ng		98
48) 2-Nitroaniline	13.805	65	53246	50.42	ng		91
49) Acenaphthylene	14.445	152	242132	52.81	ng		96
50) Dimethylphthalate	14.175	163	207964	53.22	ng		98
51) 2,6-Dinitrotoluene	14.298	165	45897	50.91	ng		87
52) Acenaphthene	14.786	154	151157	51.91	ng		99
53) 3-Nitroaniline	14.627	138	26247	30.33	ng		87
54) 2,4-Dinitrophenol	14.839	184	49545	90.80	ng		97
55) Dibenzofuran	15.121	168	235715	48.90	ng		98
56) 4-Nitrophenol	14.956	139	70739	110.33	ng		96
57) 2,4-Dinitrotoluene	15.086	165	66465	50.77	ng		96
58) Fluorene	15.773	166	206597	52.19	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.350	232	55472	49.89	ng		98
60) Diethylphthalate	15.532	149	211076	52.22	ng		98
61) 4-Chlorophenyl-phenyle...	15.761	204	107419	49.34	ng		99
62) 4-Nitroaniline	15.797	138	47321	51.14	ng		95
63) Azobenzene	16.055	77	204110	50.14	ng		97
65) 4,6-Dinitro-2-methylph...	15.849	198	38234	41.86	ng		97
66) n-Nitrosodiphenylamine	15.979	169	187889	48.72	ng		93
67) 4-Bromophenyl-phenylether	16.660	248	72512	46.18	ng		95
68) Hexachlorobenzene	16.778	284	75148	47.24	ng		97
69) Atrazine	16.930	200	83057	51.79	ng		99
70) Pentachlorophenol	17.130	266	78496	92.61	ng		96
71) Phenanthrene	17.524	178	347861	49.12	ng		97
72) Anthracene	17.612	178	350909	50.08	ng		99
73) Carbazole	17.888	167	315038	46.94	ng		97
74) Di-n-butylphthalate	18.435	149	380091	50.51	ng		99
75) Fluoranthene	19.533	202	424607	47.41	ng		99
77) Benzidine	19.715	184	239675	65.82	ng		99
78) Pyrene	19.898	202	418363	45.10	ng		98
80) Butylbenzylphthalate	20.779	149	169834	46.82	ng		95
81) Benzo(a)anthracene	21.760	228	421442	45.99	ng		97
82) 3,3'-Dichlorobenzidine	21.666	252	67661	21.53	ng	#	97
83) Chrysene	21.825	228	392443	44.96	ng		98
84) Bis(2-ethylhexyl)phtha...	21.648	149	238184	46.90	ng		99
85) Di-n-octyl phthalate	22.894	149	412421	47.70	ng		100
87) Indeno(1,2,3-cd)pyrene	28.928	276	479504	48.59	ng	#	97
88) Benzo(b)fluoranthene	24.046	252	429689	47.14	ng	#	97
89) Benzo(k)fluoranthene	24.116	252	388929m	45.37	ng		
90) Benzo(a)pyrene	24.950	252	380165	45.27	ng		98
91) Dibenzo(a,h)anthracene	28.993	278	396059	46.79	ng	#	93
92) Benzo(g,h,i)perylene	30.133	276	394776	47.25	ng	#	96

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

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