Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048060.D
Acq On : 28 Jan 2021 16:25
Operator : CG/JU
Sample : M1252-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BS-SPMSD

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:09 AM

Quant Time: Jan 28 17:52:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	45088	20.00	ng		0.00
21) Naphthalene-d8	10.938	136	166521	20.00	ng		0.00
39) Acenaphthene-d10	14.745	164	123316	20.00	ng		0.00
64) Phenanthrene-d10	17.489	188	302466	20.00	ng		# 0.00
76) Chrysene-d12	21.766	240	342986	20.00	ng		# 0.00
86) Perylene-d12	25.045	264	358380	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.679	112	286490	97.65	ng		0.00
7) Phenol-d6	7.272	99	396823	88.96	ng		0.00
23) Nitrobenzene-d5	9.287	82	249404	59.26	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	199961	97.36	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	495689	51.97	ng		-0.01
79) Terphenyl-d14	20.086	244	926054	46.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	51466	39.35	ng	#	95
3) Pyridine	3.964	79	160787	40.96	ng	#	87
4) n-Nitrosodimethylamine	3.876	42	84793	46.75	ng		80
6) Aniline	7.442	93	120169	22.30	ng		96
8) 2-Chlorophenol	7.683	128	148076	48.22	ng		92
9) Benzaldehyde	7.254	77	99852	43.64	ng		88
10) Phenol	7.301	94	205283	48.01	ng		77
11) bis(2-Chloroethyl)ether	7.536	93	145781	43.53	ng		95
12) 1,3-Dichlorobenzene	8.012	146	165573	44.67	ng	#	89
13) 1,4-Dichlorobenzene	8.159	146	163039	43.88	ng		95
14) 1,2-Dichlorobenzene	8.476	146	157498	44.41	ng		96
15) Benzyl Alcohol	8.353	79	167931	44.50	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.646	45	180969	38.51	ng		95
17) 2-Methylphenol	8.558	107	132308	45.78	ng	#	88
18) Hexachloroethane	9.210	117	63681	43.93	ng		93
19) n-Nitroso-di-n-propyla...	8.928	70	132093	40.57	ng		97
20) 3+4-Methylphenols	8.881	107	179382	44.87	ng		87
22) Acetophenone	8.946	105	232436	45.29	ng	#	93
24) Nitrobenzene	9.328	77	195451	46.37	ng	#	84
25) Isophorone	9.851	82	337142	44.64	ng		93
26) 2-Nitrophenol	10.039	139	86846	50.08	ng	#	73
27) 2,4-Dimethylphenol	10.092	122	134950	53.55	ng		89
28) bis(2-Chloroethoxy)met...	10.333	93	196301	43.20	ng	#	93
29) 2,4-Dichlorophenol	10.574	162	162849	50.23	ng		97
30) 1,2,4-Trichlorobenzene	10.797	180	183787	46.89	ng		96
31) Naphthalene	10.985	128	437853	45.47	ng		99
32) Benzoic acid	10.162	122	22261m	9.86	ng		
33) 4-Chloroaniline	11.085	127	80642	18.33	ng	#	93
34) Hexachlorobutadiene	11.273	225	126945	45.60	ng		99
35) Caprolactam	11.860	113	58605m	47.49	ng		
36) 4-Chloro-3-methylphenol	12.195	107	177990	48.93	ng		88
37) 2-Methylnaphthalene	12.583	142	327985	45.10	ng	#	92
38) 1-Methylnaphthalene	12.800	142	306848	44.23	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.947	216	221449	47.11	ng	#	97
41) Hexachlorocyclopentadiene	12.930	237	315498	118.48	ng		98
43) 2,4,6-Trichlorophenol	13.176	196	163037	49.73	ng		98

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	174574	51.38	ng	#	96
46) 1,1'-Biphenyl	13.582	154	436539	45.79	ng		98
47) 2-Chloronaphthalene	13.629	162	355610	42.86	ng		99
48) 2-Nitroaniline	13.823	65	131534	43.68	ng	#	81
49) Acenaphthylene	14.469	152	547384	44.70	ng		99
50) Dimethylphthalate	14.199	163	510945	45.78	ng		98
51) 2,6-Dinitrotoluene	14.310	165	107427	46.30	ng	#	69
52) Acenaphthene	14.810	154	409075m	49.35	ng		
53) 3-Nitroaniline	14.639	138	49795	19.56	ng		88
54) 2,4-Dinitrophenol	14.845	184	132817	91.55	ng	#	68
55) Dibenzofuran	15.145	168	558152	44.39	ng		96
56) 4-Nitrophenol	14.945	139	185367	93.34	ng	#	53
57) 2,4-Dinitrotoluene	15.098	165	153817	45.90	ng	#	78
58) Fluorene	15.791	166	450126	44.53	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.362	232	172043	50.64	ng	#	96
60) Diethylphthalate	15.556	149	488277	42.55	ng		95
61) 4-Chlorophenyl-phenyle...	15.779	204	279009	45.07	ng		98
62) 4-Nitroaniline	15.803	138	110208	39.75	ng	#	62
63) Azobenzene	16.073	77	464921	43.04	ng		91
65) 4,6-Dinitro-2-methylph...	15.856	198	113914	58.36	ng		86
66) n-Nitrosodiphenylamine	15.997	169	422669	46.50	ng		100
67) 4-Bromophenyl-phenylether	16.678	248	186382	46.11	ng		97
68) Hexachlorobenzene	16.796	284	195357	44.45	ng		97
69) Atrazine	16.937	200	158819	46.00	ng		99
70) Pentachlorophenol	17.137	266	275611	103.27	ng		98
71) Phenanthrene	17.530	178	789677	45.25	ng		97
72) Anthracene	17.624	178	807210	47.03	ng		98
73) Carbazole	17.889	167	729082	45.52	ng		100
74) Di-n-butylphthalate	18.441	149	840986	43.00	ng	#	98
75) Fluoranthene	19.534	202	1040476	45.47	ng		97
77) Benzidine	19.704	184	356816	36.06	ng		98
78) Pyrene	19.892	202	1032009	41.09	ng		97
80) Butylbenzylphthalate	20.773	149	400036	41.70	ng		88
81) Benzo(a)anthracene	21.743	228	1102189	44.22	ng		99
82) 3,3'-Dichlorobenzidine	21.655	252	200193	23.83	ng	#	98
83) Chrysene	21.813	228	1069665	45.16	ng		98
84) Bis(2-ethylhexyl)phtha...	21.649	149	580757	44.20	ng		98
85) Di-n-octyl phthalate	22.883	149	1004565	45.71	ng		96
87) Indeno(1,2,3-cd)pyrene	28.805	276	1355797	47.03	ng	#	87
88) Benzo(b)fluoranthene	24.005	252	1173917	46.09	ng	#	98
89) Benzo(k)fluoranthene	24.075	252	1127577	45.56	ng	#	97
90) Benzo(a)pyrene	24.892	252	1076539	45.01	ng	#	96
91) Dibenzo(a,h)anthracene	28.870	278	1117505	46.97	ng	#	95
92) Benzo(g,h,i)perylene	29.969	276	1103590	48.16	ng	#	94

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

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