Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020221\
Data File : BG048078.D
Acq On : 2 Feb 2021 15:50
Operator : CG/JU
Sample : PB134420BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134420BS

Manual Integrations APPROVED
mohammad
2/3/2021 11:04:13 AM

Quant Time: Feb 02 16:28:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	36611	20.00	ng	#	0.00
21) Naphthalene-d8	10.932	136	147728	20.00	ng		0.00
39) Acenaphthene-d10	14.739	164	112224	20.00	ng		0.00
64) Phenanthrene-d10	17.483	188	310868	20.00	ng		0.00
76) Chrysene-d12	21.760	240	335400	20.00	ng	#	0.00
86) Perylene-d12	25.039	264	328073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	312966	131.38	ng		0.00
7) Phenol-d6	7.271	99	446251	123.21	ng		0.00
23) Nitrobenzene-d5	9.281	82	257008	68.84	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	254019	135.90	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	610253	70.31	ng		0.00
79) Terphenyl-d14	20.086	244	1315145	67.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	42477	40.00	ng	#	92
3) Pyridine	3.958	79	127500	40.00	ng		91
4) n-Nitrosodimethylamine	3.864	42	66303	45.02	ng	#	77
6) Aniline	7.436	93	144978	33.13	ng		95
8) 2-Chlorophenol	7.683	128	116353	46.66	ng		88
9) Benzaldehyde	7.248	77	56726	30.53	ng		81
10) Phenol	7.295	94	165565	47.69	ng		76
11) bis(2-Chloroethyl)ether	7.530	93	115189	42.36	ng		94
12) 1,3-Dichlorobenzene	8.006	146	127763	42.45	ng	#	90
13) 1,4-Dichlorobenzene	8.153	146	130974	43.41	ng		96
14) 1,2-Dichlorobenzene	8.476	146	120964m	42.00	ng		
15) Benzyl Alcohol	8.352	79	136123	44.42	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.640	45	147114	38.55	ng		95
17) 2-Methylphenol	8.552	107	108459	46.22	ng	#	86
18) Hexachloroethane	9.210	117	48236	40.98	ng		97
19) n-Nitroso-di-n-propyla...	8.922	70	108771	41.14	ng	#	95
20) 3+4-Methylphenols	8.881	107	147315	45.38	ng		92
22) Acetophenone	8.940	105	190277	41.79	ng	#	93
24) Nitrobenzene	9.322	77	161679	43.24	ng	#	84
25) Isophorone	9.851	82	286588	42.77	ng		94
26) 2-Nitrophenol	10.039	139	68752	44.69	ng	#	73
27) 2,4-Dimethylphenol	10.092	122	117651	52.63	ng		91
28) bis(2-Chloroethoxy)met...	10.327	93	161207	39.99	ng		96
29) 2,4-Dichlorophenol	10.573	162	138354	48.10	ng		97
30) 1,2,4-Trichlorobenzene	10.791	180	142328	40.93	ng		97
31) Naphthalene	10.979	128	357723	41.88	ng		99
32) Benzoic acid	10.185	122	37211	18.59	ng	#	77
33) 4-Chloroaniline	11.084	127	100179	25.66	ng		93
34) Hexachlorobutadiene	11.267	225	101187	40.97	ng		98
35) Caprolactam	11.854	113	51821m	47.33	ng		
36) 4-Chloro-3-methylphenol	12.195	107	152963	47.40	ng		92
37) 2-Methylnaphthalene	12.577	142	271836	42.14	ng	#	91
38) 1-Methylnaphthalene	12.794	142	262278	42.61	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.941	216	185108	43.27	ng	#	98
41) Hexachlorocyclopentadiene	12.923	237	246875	101.87	ng		96
43) 2,4,6-Trichlorophenol	13.176	196	139000	46.58	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	151794	49.09	ng	#	95
46) 1,1'-Biphenyl	13.576	154	373895	43.10	ng		99
47) 2-Chloronaphthalene	13.623	162	308241	40.83	ng		98
48) 2-Nitroaniline	13.817	65	117533	42.89	ng	#	76
49) Acenaphthylene	14.463	152	476420	42.75	ng		99
50) Dimethylphthalate	14.193	163	435585	42.88	ng		98
51) 2,6-Dinitrotoluene	14.310	165	98331	46.57	ng	#	76
52) Acenaphthene	14.809	154	357111m	47.34	ng		
53) 3-Nitroaniline	14.639	138	68023	29.37	ng	#	75
54) 2,4-Dinitrophenol	14.839	184	103554	78.43	ng	#	73
55) Dibenzofuran	15.139	168	499593	43.66	ng		96
56) 4-Nitrophenol	14.939	139	175273	96.98	ng	#	52
57) 2,4-Dinitrotoluene	15.092	165	142452	46.71	ng	#	76
58) Fluorene	15.785	166	413402	44.94	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.362	232	155645m	50.34	ng		
60) Diethylphthalate	15.550	149	459147	43.97	ng		95
61) 4-Chlorophenyl-phenyle...	15.779	204	244988	43.49	ng		99
62) 4-Nitroaniline	15.802	138	104486	41.41	ng	#	58
63) Azobenzene	16.073	77	436712	44.43	ng		92
65) 4,6-Dinitro-2-methylph...	15.855	198	93907	46.81	ng		90
66) n-Nitrosodiphenylamine	15.990	169	395701	42.36	ng		99
67) 4-Bromophenyl-phenylether	16.672	248	169317	40.76	ng		97
68) Hexachlorobenzene	16.790	284	186570	41.30	ng		99
69) Atrazine	16.931	200	143122	40.33	ng		98
70) Pentachlorophenol	17.130	266	239310	87.24	ng		98
71) Phenanthrene	17.530	178	764755	42.64	ng		97
72) Anthracene	17.618	178	770230	43.67	ng		98
73) Carbazole	17.882	167	712788	43.30	ng		98
74) Di-n-butylphthalate	18.441	149	843894	41.98	ng	#	98
75) Fluoranthene	19.527	202	1032268	43.90	ng		97
77) Benzidine	19.704	184	346164	35.78	ng		98
78) Pyrene	19.892	202	1021463	41.59	ng		98
80) Butylbenzylphthalate	20.773	149	375263	40.00	ng		93
81) Benzo(a)anthracene	21.743	228	1029510	42.24	ng		98
82) 3,3'-Dichlorobenzidine	21.654	252	266265	32.42	ng	#	99
83) Chrysene	21.807	228	986477	42.59	ng		99
84) Bis(2-ethylhexyl)phtha...	21.643	149	537649	41.84	ng		96
85) Di-n-octyl phthalate	22.882	149	908939	42.29	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.793	276	1198396	45.41	ng	#	89
88) Benzo(b)fluoranthene	23.999	252	1064312	45.64	ng	#	96
89) Benzo(k)fluoranthene	24.069	252	1026844	45.32	ng	#	97
90) Benzo(a)pyrene	24.892	252	962603	43.96	ng	#	97
91) Dibenzo(a,h)anthracene	28.858	278	1002769	46.04	ng	#	96
92) Benzo(g,h,i)perylene	29.962	276	989732	47.18	ng	#	95

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

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