Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
Data File : BG048059.D
Acq On : 28 Jan 2021 15:44
Operator : CG/JU
Sample : M1252-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BS-SPMS

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:07 AM

Quant Time: Jan 28 17:51:48 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	8.125	152	45650	20.00	ng		0.00
21) Naphthalene-d8	10.934	136	171340	20.00	ng		-0.01
39) Acenaphthene-d10	14.747	164	123691	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	301272	20.00	ng	#	0.00
76) Chrysene-d12	21.768	240	339984	20.00	ng	#	0.00
86) Perylene-d12	25.041	264	356436	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	290528	97.81	ng		0.00
7) Phenol-d6	7.274	99	395545	87.58	ng		0.00
23) Nitrobenzene-d5	9.283	82	253640	58.57	ng		-0.01
42) 2,4,6-Tribromophenol	16.234	330	203491	98.78	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	497601	52.01	ng		-0.01
79) Terphenyl-d14	20.088	244	919524	46.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.566	88	49644	37.49	ng	#	94
3) Pyridine	3.966	79	160191	40.30	ng		87
4) n-Nitrosodimethylamine	3.878	42	83400	45.41	ng	#	71
6) Aniline	7.444	93	122317	22.42	ng		94
8) 2-Chlorophenol	7.685	128	150251	48.32	ng		91
9) Benzaldehyde	7.256	77	103279	44.58	ng		88
10) Phenol	7.303	94	209265	48.34	ng		79
11) bis(2-Chloroethyl)ether	7.538	93	147982	43.65	ng		98
12) 1,3-Dichlorobenzene	8.014	146	166814	44.45	ng	#	88
13) 1,4-Dichlorobenzene	8.161	146	169743	45.12	ng		94
14) 1,2-Dichlorobenzene	8.478	146	161713	45.03	ng		96
15) Benzyl Alcohol	8.355	79	170979	44.75	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.648	45	182884	38.43	ng		97
17) 2-Methylphenol	8.554	107	130584	44.63	ng	#	86
18) Hexachloroethane	9.218	117	64069	43.65	ng		94
19) n-Nitroso-di-n-propyla...	8.925	70	133396	40.47	ng		95
20) 3+4-Methylphenols	8.883	107	183930	45.44	ng		87
22) Acetophenone	8.942	105	236760	44.84	ng		94
24) Nitrobenzene	9.330	77	197323	45.50	ng	#	86
25) Isophorone	9.853	82	343388	44.19	ng		95
26) 2-Nitrophenol	10.041	139	88685	49.70	ng	#	73
27) 2,4-Dimethylphenol	10.094	122	133087	51.33	ng		85
28) bis(2-Chloroethoxy)met...	10.335	93	197595	42.26	ng		97
29) 2,4-Dichlorophenol	10.576	162	162953	48.85	ng		96
30) 1,2,4-Trichlorobenzene	10.799	180	181597	45.03	ng		100
31) Naphthalene	10.987	128	439952	44.41	ng		98
32) Benzoic acid	10.153	122	17708m	7.63	ng		
33) 4-Chloroaniline	11.087	127	84878	18.75	ng	#	92
34) Hexachlorobutadiene	11.275	225	129758	45.30	ng		99
35) Caprolactam	11.862	113	61937m	48.77	ng		
36) 4-Chloro-3-methylphenol	12.197	107	172590	46.11	ng		87
37) 2-Methylnaphthalene	12.585	142	331499	44.30	ng	#	92
38) 1-Methylnaphthalene	12.802	142	312945	43.84	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.949	216	220998	46.87	ng	#	97
41) Hexachlorocyclopentadiene	12.932	237	330062	123.57	ng		97
43) 2,4,6-Trichlorophenol	13.178	196	160030	48.66	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	174615	51.23	ng	#	94
46) 1,1'-Biphenyl	13.584	154	438510	45.86	ng		97
47) 2-Chloronaphthalene	13.625	162	363082	43.63	ng		97
48) 2-Nitroaniline	13.819	65	129924	43.02	ng	#	76
49) Acenaphthylene	14.471	152	547397	44.57	ng		98
50) Dimethylphthalate	14.195	163	510540	45.60	ng		99
51) 2,6-Dinitrotoluene	14.312	165	107440	46.17	ng	#	72
52) Acenaphthene	14.812	154	417201m	50.18	ng		
53) 3-Nitroaniline	14.641	138	52203	20.45	ng		87
54) 2,4-Dinitrophenol	14.847	184	131644	90.46	ng	#	73
55) Dibenzofuran	15.141	168	555676	44.06	ng		96
56) 4-Nitrophenol	14.947	139	190141	95.45	ng	#	60
57) 2,4-Dinitrotoluene	15.100	165	152646	45.41	ng	#	81
58) Fluorene	15.793	166	441602	43.55	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.364	232	174846	51.30	ng	#	96
60) Diethylphthalate	15.558	149	490162	42.59	ng		96
61) 4-Chlorophenyl-phenyle...	15.781	204	275825	44.42	ng		98
62) 4-Nitroaniline	15.805	138	112259	40.37	ng	#	62
63) Azobenzene	16.075	77	464838	42.90	ng		92
65) 4,6-Dinitro-2-methylph...	15.858	198	116526	59.93	ng		89
66) n-Nitrosodiphenylamine	15.993	169	418519	46.23	ng		99
67) 4-Bromophenyl-phenylether	16.674	248	182946	45.44	ng		96
68) Hexachlorobenzene	16.792	284	196403	44.86	ng		95
69) Atrazine	16.939	200	158286	46.03	ng		97
70) Pentachlorophenol	17.138	266	279533	105.15	ng		98
71) Phenanthrene	17.532	178	775583	44.62	ng		97
72) Anthracene	17.620	178	801664	46.90	ng		98
73) Carbazole	17.891	167	724549	45.42	ng		99
74) Di-n-butylphthalate	18.443	149	833308	42.78	ng	#	97
75) Fluoranthene	19.536	202	1030211	45.20	ng		97
77) Benzidine	19.706	184	373265	38.06	ng		99
78) Pyrene	19.894	202	1031882	41.44	ng		99
80) Butylbenzylphthalate	20.775	149	392950	41.32	ng		91
81) Benzo(a)anthracene	21.745	228	1101482	44.58	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	193842	23.28	ng	#	98
83) Chrysene	21.815	228	1058510	45.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	571330	43.87	ng		96
85) Di-n-octyl phthalate	22.885	149	991898	45.53	ng		97
87) Indeno(1,2,3-cd)pyrene	28.801	276	1345789	46.94	ng	#	89
88) Benzo(b)fluoranthene	24.007	252	1170663	46.21	ng	#	98
89) Benzo(k)fluoranthene	24.077	252	1108378	45.03	ng	#	97
90) Benzo(a)pyrene	24.894	252	1069924	44.97	ng	#	98
91) Dibenzo(a,h)anthracene	28.872	278	1111562	46.98	ng	#	95
92) Benzo(g,h,i)perylene	29.976	276	1098904	48.22	ng	#	92

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

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