Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010521\
Data File : BG047870.D
Acq On : 5 Jan 2021 16:55
Operator : CG/JU
Sample : M1006-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
R-LA-21-5-WCMS

Manual Integrations APPROVED
mohammad
1/6/2021 12:01:44 PM

Quant Time: Jan 05 17:32:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.199	152	28851	20.00	ng		0.00
21) Naphthalene-d8	11.025	136	99349	20.00	ng	#	0.00
39) Acenaphthene-d10	14.820	164	73165	20.00	ng		0.00
64) Phenanthrene-d10	17.558	188	200353	20.00	ng	#	0.00
76) Chrysene-d12	21.836	240	202073	20.00	ng	#	0.00
86) Perylene-d12	25.179	264	217098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.725	112	202909	121.66	ng		0.00
7) Phenol-d6	7.341	99	279964	114.83	ng		0.00
23) Nitrobenzene-d5	9.368	82	205000	75.90	ng		0.00
42) 2,4,6-Tribromophenol	16.301	330	168912	135.23	ng		0.00
45) 2-Fluorobiphenyl	13.446	172	449856	79.56	ng		0.00
79) Terphenyl-d14	20.144	244	907931	74.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.545	88	22627	31.58	ng	#	83
3) Pyridine	3.968	79	66709	36.07	ng	#	76
4) n-Nitrosodimethylamine	3.874	42	55970	38.25	ng	#	48
6) Aniline	7.511	93	80593	29.80	ng	#	84
8) 2-Chlorophenol	7.752	128	80260	47.21	ng		96
9) Benzaldehyde	7.317	77	18459	11.55	ng	#	85
10) Phenol	7.370	94	108607	49.13	ng	#	57
11) bis(2-Chloroethyl)ether	7.605	93	67591	42.91	ng		97
12) 1,3-Dichlorobenzene	8.087	146	93869	40.96	ng	#	86
13) 1,4-Dichlorobenzene	8.234	146	93271	40.73	ng		95
14) 1,2-Dichlorobenzene	8.557	146	90552m	42.05	ng		
15) Benzyl Alcohol	8.428	79	98442	45.58	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.722	45	64268	41.07	ng		76
17) 2-Methylphenol	8.628	107	73572	47.17	ng	#	82
18) Hexachloroethane	9.298	117	35659	39.72	ng		94
19) n-Nitroso-di-n-propyla...	9.004	70	70228	41.40	ng		98
20) 3+4-Methylphenols	8.957	107	99294	46.47	ng		86
22) Acetophenone	9.027	105	126395	44.45	ng	#	92
24) Nitrobenzene	9.409	77	114641	44.97	ng	#	88
25) Isophorone	9.932	82	191789	47.09	ng	#	89
26) 2-Nitrophenol	10.126	139	49255	48.84	ng	#	49
27) 2,4-Dimethylphenol	10.179	122	79216	54.56	ng	#	82
28) bis(2-Chloroethoxy)met...	10.408	93	91053	43.25	ng		97
29) 2,4-Dichlorophenol	10.661	162	91832	48.57	ng		95
30) 1,2,4-Trichlorobenzene	10.884	180	103964	42.86	ng		91
31) Naphthalene	11.078	128	252062	46.16	ng		99
32) Benzoic acid	10.302	122	32722	42.93	ng	#	82
33) 4-Chloroaniline	11.172	127	42514	18.33	ng	#	89
34) Hexachlorobutadiene	11.354	225	84771	39.63	ng		97
35) Caprolactam	11.936	113	28939m	48.20	ng		
36) 4-Chloro-3-methylphenol	12.282	107	102460	49.59	ng		84
37) 2-Methylnaphthalene	12.664	142	191600	45.23	ng	#	92
38) 1-Methylnaphthalene	12.882	142	175368	43.80	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.028	216	136342	45.40	ng	#	96
41) Hexachlorocyclopentadiene	13.005	237	174951	107.60	ng		99
43) 2,4,6-Trichlorophenol	13.258	196	90540	47.19	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	100413	52.90	ng	#	91
46) 1,1'-Biphenyl	13.657	154	258121	46.23	ng		94
47) 2-Chloronaphthalene	13.704	162	207426	45.69	ng		96
48) 2-Nitroaniline	13.898	65	73495	43.81	ng	#	80
49) Acenaphthylene	14.550	152	321352	47.70	ng		97
50) Dimethylphthalate	14.262	163	362686	57.51	ng		100
51) 2,6-Dinitrotoluene	14.386	165	64089	49.99	ng	#	43
52) Acenaphthene	14.885	154	274428m	57.75	ng		
53) 3-Nitroaniline	14.715	138	35866	28.23	ng	#	71
54) 2,4-Dinitrophenol	14.926	184	89567	109.05	ng	#	39
55) Dibenzofuran	15.214	168	329851	47.88	ng		91
56) 4-Nitrophenol	15.020	139	99757	108.92	ng	#	25
57) 2,4-Dinitrotoluene	15.173	165	94989	49.84	ng	#	66
58) Fluorene	15.860	166	281047	48.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.437	232	96631	49.83	ng		93
60) Diethylphthalate	15.614	149	287504	47.28	ng		97
61) 4-Chlorophenyl-phenyle...	15.849	204	171629	46.54	ng		97
62) 4-Nitroaniline	15.872	138	64340	46.04	ng	#	21
63) Azobenzene	16.142	77	269359	47.51	ng		89
65) 4,6-Dinitro-2-methylph...	15.931	198	66275	51.77	ng		84
66) n-Nitrosodiphenylamine	16.060	169	263059	45.88	ng		96
67) 4-Bromophenyl-phenylether	16.742	248	112905	41.94	ng		93
68) Hexachlorobenzene	16.865	284	124203	42.53	ng		93
69) Atrazine	16.994	200	98617	40.95	ng		98
70) Pentachlorophenol	17.206	266	154590	72.48	ng		98
71) Phenanthrene	17.600	178	485770	44.98	ng		97
72) Anthracene	17.694	178	499623	47.71	ng		97
73) Carbazole	17.958	167	441575	48.16	ng		97
74) Di-n-butylphthalate	18.493	149	492953	45.61	ng	#	96
75) Fluoranthene	19.597	202	661362	45.67	ng		93
77) Benzidine	19.762	184	198000	36.44	ng		97
78) Pyrene	19.956	202	661985	45.73	ng		96
80) Butylbenzylphthalate	20.819	149	225090	45.34	ng	#	85
81) Benzo(a)anthracene	21.812	228	649593	44.75	ng		98
82) 3,3'-Dichlorobenzidine	21.718	252	128116	25.08	ng	#	98
83) Chrysene	21.883	228	614552	44.83	ng		97
84) Bis(2-ethylhexyl)phtha...	21.689	149	308926	45.15	ng		94
85) Di-n-octyl phthalate	22.940	149	543841	46.87	ng		96
87) Indeno(1,2,3-cd)pyrene	29.039	276	765510	46.44	ng	#	80
88) Benzo(b)fluoranthene	24.115	252	716065	47.84	ng	#	95
89) Benzo(k)fluoranthene	24.186	252	676855	46.64	ng	#	95
90) Benzo(a)pyrene	25.026	252	635825	45.65	ng	#	93
91) Dibenzo(a,h)anthracene	29.098	278	635894	47.61	ng	#	93
92) Benzo(g,h,i)perylene	30.249	276	624151	47.79	ng	#	89

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

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