Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048651.D
Acq On : 9 Apr 2021 19:03
Operator : CG/JU
Sample : M1946-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB9MS

Manual Integrations APPROVED
mohammad
4/12/2021 2:42:23 PM

Quant Time: Apr 10 01:22:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24886	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	104934	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	71316	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	172558	20.00	ng	0.00
76) Chrysene-d12	21.792	240	166109	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	168710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	130554	92.62	ng	0.00
7) Phenol-d6	7.245	99	121415	59.39	ng	0.00
23) Nitrobenzene-d5	9.260	82	179441	82.79	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	138508	147.75	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	432242	90.09	ng	0.00
79) Terphenyl-d14	20.106	244	784505	86.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.502	88	12704	22.40	ng	# 84
3) Pyridine	3.902	79	25833	18.17	ng	94
4) n-Nitrosodimethylamine	3.819	42	28209	30.37	ng	# 97
6) Aniline	7.403	93	72428	30.85	ng	93
8) 2-Chlorophenol	7.650	128	71803	45.08	ng	94
9) Benzaldehyde	7.221	77	45000	34.44	ng	94
10) Phenol	7.268	94	53253	26.02	ng	96
11) bis(2-Chloroethyl)ether	7.497	93	61679	43.43	ng	96
12) 1,3-Dichlorobenzene	7.979	146	75942	42.32	ng	96
13) 1,4-Dichlorobenzene	8.126	146	79438	43.91	ng	98
14) 1,2-Dichlorobenzene	8.449	146	76760	44.30	ng	94
15) Benzyl Alcohol	8.326	79	68437	40.87	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.620	45	59665	43.55	ng	93
17) 2-Methylphenol	8.531	107	54399	41.08	ng	86
18) Hexachloroethane	9.184	117	28659	42.63	ng	89
19) n-Nitroso-di-n-propyla...	8.896	70	59754	42.41	ng	93
20) 3+4-Methylphenols	8.860	107	70911	38.58	ng	97
22) Acetophenone	8.919	105	120244	44.45	ng	# 91
24) Nitrobenzene	9.301	77	93566	43.99	ng	95
25) Isophorone	9.824	82	168852	42.19	ng	98
26) 2-Nitrophenol	10.018	139	44711	45.75	ng	96
27) 2,4-Dimethylphenol	10.077	122	77068	50.12	ng	98
28) bis(2-Chloroethoxy)met...	10.306	93	85921	46.83	ng	97
29) 2,4-Dichlorophenol	10.558	162	80121	46.01	ng	92
30) 1,2,4-Trichlorobenzene	10.776	180	88128	44.04	ng	95
31) Naphthalene	10.970	128	236894	43.91	ng	98
32) Benzoic acid	10.194	122	24976	21.11	ng	91
33) 4-Chloroaniline	11.070	127	46665	20.50	ng	95
34) Hexachlorobutadiene	11.246	225	60805	41.61	ng	97
35) Caprolactam	11.857	113	9827	15.47	ng	88
36) 4-Chloro-3-methylphenol	12.192	107	86121	44.04	ng	97
37) 2-Methylnaphthalene	12.574	142	185957	43.29	ng	96
38) 1-Methylnaphthalene	12.791	142	179670	43.86	ng	100
40) 1,2,4,5-Tetrachloroben...	12.938	216	107325	48.55	ng	97
41) Hexachlorocyclopentadiene	12.915	237	136316	106.44	ng	96
43) 2,4,6-Trichlorophenol	13.173	196	74378	48.95	ng	86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	82608	50.81	ng		90
46) 1,1'-Biphenyl	13.573	154	247707	47.54	ng		98
47) 2-Chloronaphthalene	13.620	162	186077	46.87	ng		98
48) 2-Nitroaniline	13.819	65	62360	49.41	ng		97
49) Acenaphthylene	14.466	152	316493	50.85	ng		98
50) Dimethylphthalate	14.190	163	292353	55.23	ng		99
51) 2,6-Dinitrotoluene	14.313	165	56570	46.71	ng		92
52) Acenaphthene	14.806	154	276715m	61.47	ng		
53) 3-Nitroaniline	14.648	138	32365	27.25	ng	#	74
54) 2,4-Dinitrophenol	14.853	184	78501	115.28	ng		95
55) Dibenzofuran	15.141	168	309873	47.13	ng		95
56) 4-Nitrophenol	14.959	139	50764	52.96	ng		90
57) 2,4-Dinitrotoluene	15.100	165	84145	49.12	ng		95
58) Fluorene	15.794	166	270778	49.20	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.365	232	79008	49.82	ng		98
60) Diethylphthalate	15.553	149	277974	51.11	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	141068	47.64	ng		93
62) 4-Nitroaniline	15.811	138	59595	47.98	ng		97
63) Azobenzene	16.076	77	231879	43.34	ng		96
65) 4,6-Dinitro-2-methylph...	15.864	198	54514	52.58	ng		94
66) n-Nitrosodiphenylamine	15.999	169	235394	47.95	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	94452	49.38	ng		93
68) Hexachlorobenzene	16.798	284	99905	50.02	ng		96
69) Atrazine	16.945	200	97588	48.74	ng		97
70) Pentachlorophenol	17.145	266	130366	105.01	ng		93
71) Phenanthrene	17.539	178	445883	49.78	ng		98
72) Anthracene	17.633	178	441503	49.46	ng		98
73) Carbazole	17.903	167	395666	46.74	ng		97
74) Di-n-butylphthalate	18.449	149	474870	50.21	ng		99
75) Fluoranthene	19.548	202	535729	48.24	ng		96
77) Benzidine	19.730	184	10069	1.79	ng	#	90
78) Pyrene	19.912	202	539523	47.24	ng		99
80) Butylbenzylphthalate	20.788	149	203683	48.02	ng		94
81) Benzo(a)anthracene	21.775	228	520289	46.88	ng		98
82) 3,3'-Dichlorobenzidine	21.681	252	81919	21.49	ng		94
83) Chrysene	21.839	228	492444	46.50	ng		96
84) Bis(2-ethylhexyl)phtha...	21.663	149	295499	50.01	ng		98
85) Di-n-octyl phthalate	22.915	149	510264	49.54	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.955	276	599354	50.67	ng	#	86
88) Benzo(b)fluoranthene	24.072	252	536862	49.00	ng	#	97
89) Benzo(k)fluoranthene	24.137	252	502334	47.68	ng		98
90) Benzo(a)pyrene	24.977	252	472370	46.77	ng		99
91) Dibenzo(a,h)anthracene	29.031	278	500883	49.62	ng		99
92) Benzo(g,h,i)perylene	30.165	276	483678	48.92	ng		97

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

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