Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048622.D
Acq On : 7 Apr 2021 18:20
Operator : CG/JU
Sample : M1934-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
mohammad
4/8/2021 1:36:10 PM

Quant Time: Apr 08 03:34:52 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	25486	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	103947	20.00	ng		# 0.00
39) Acenaphthene-d10	14.742	164	70169	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	179419	20.00	ng		0.00
76) Chrysene-d12	21.798	240	175429	20.00	ng		# 0.00
86) Perylene-d12	25.135	264	175251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	207170	143.51	ng		0.00
7) Phenol-d6	7.250	99	249045	118.96	ng		0.00
23) Nitrobenzene-d5	9.266	82	205538	95.73	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	157039	170.25	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	479635	101.60	ng		0.00
79) Terphenyl-d14	20.112	244	965285	100.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	23391	40.27	ng	#	34
3) Pyridine	3.919	79	47854	32.86	ng		96
4) n-Nitrosodimethylamine	3.825	42	51877	54.53	ng		98
6) Aniline	7.409	93	49463	20.57	ng		96
8) 2-Chlorophenol	7.656	128	87381	53.56	ng		96
9) Benzaldehyde	7.221	77	54051	40.39	ng		95
10) Phenol	7.274	94	95519	45.57	ng		96
11) bis(2-Chloroethyl)ether	7.503	93	72941	50.15	ng		96
12) 1,3-Dichlorobenzene	7.979	146	95159	51.78	ng		95
13) 1,4-Dichlorobenzene	8.132	146	95778	51.69	ng		95
14) 1,2-Dichlorobenzene	8.449	146	89714	50.56	ng		97
15) Benzyl Alcohol	8.331	79	94302	54.99	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.619	45	69862	49.80	ng		95
17) 2-Methylphenol	8.537	107	72969	53.80	ng		91
18) Hexachloroethane	9.189	117	35682	51.82	ng	#	84
19) n-Nitroso-di-n-propyla...	8.901	70	71954	49.86	ng		90
20) 3+4-Methylphenols	8.860	107	94558	50.23	ng		94
22) Acetophenone	8.919	105	133933	49.98	ng		99
24) Nitrobenzene	9.307	77	106258	50.43	ng		98
25) Isophorone	9.830	82	197948	49.93	ng		98
26) 2-Nitrophenol	10.018	139	50915	52.59	ng		94
27) 2,4-Dimethylphenol	10.082	122	88164	57.88	ng		94
28) bis(2-Chloroethoxy)met...	10.312	93	103008	56.68	ng		98
29) 2,4-Dichlorophenol	10.564	162	92635	53.70	ng		94
30) 1,2,4-Trichlorobenzene	10.776	180	100528	50.72	ng		91
31) Naphthalene	10.970	128	272942	51.07	ng		98
32) Benzoic acid	10.217	122	51733	44.14	ng		81
33) 4-Chloroaniline	11.075	127	13070	5.79	ng	#	91
34) Hexachlorobutadiene	11.252	225	72633	50.18	ng		94
35) Caprolactam	11.857	113	25554m	40.61	ng		
36) 4-Chloro-3-methylphenol	12.198	107	107413	55.45	ng		97
37) 2-Methylnaphthalene	12.574	142	213110	50.09	ng		97
38) 1-Methylnaphthalene	12.791	142	200901	49.51	ng		97
40) 1,2,4,5-Tetrachloroben...	12.938	216	124684	57.32	ng		99
41) Hexachlorocyclopentadiene	12.914	237	146483	116.25	ng		98
43) 2,4,6-Trichlorophenol	13.179	196	85884	57.44	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	94823	59.28	ng		89
46) 1,1'-Biphenyl	13.578	154	290362	56.63	ng		98
47) 2-Chloronaphthalene	13.625	162	218505	55.94	ng		97
48) 2-Nitroaniline	13.819	65	73726	59.37	ng		87
49) Acenaphthylene	14.471	152	359155	58.65	ng		98
50) Dimethylphthalate	14.195	163	306526	58.85	ng		98
51) 2,6-Dinitrotoluene	14.319	165	67696	56.82	ng	#	87
52) Acenaphthene	14.812	154	279938m	63.20	ng		
53) 3-Nitroaniline	14.642	138	28298	24.22	ng	#	83
54) 2,4-Dinitrophenol	14.853	184	76884	114.75	ng		93
55) Dibenzofuran	15.147	168	347030	53.65	ng		96
56) 4-Nitrophenol	14.959	139	104569	110.87	ng		91
57) 2,4-Dinitrotoluene	15.106	165	98263	58.30	ng		95
58) Fluorene	15.793	166	295296	54.53	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.370	232	90863	58.23	ng		98
60) Diethylphthalate	15.558	149	315664	58.99	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	167490	57.49	ng		94
62) 4-Nitroaniline	15.817	138	69350	56.75	ng		97
63) Azobenzene	16.075	77	273974	52.04	ng		97
65) 4,6-Dinitro-2-methylph...	15.870	198	57877	53.68	ng		98
66) n-Nitrosodiphenylamine	15.999	169	270013	52.90	ng		96
67) 4-Bromophenyl-phenylether	16.681	248	109069	54.84	ng		95
68) Hexachlorobenzene	16.798	284	115073	55.41	ng		97
69) Atrazine	16.945	200	127514	61.25	ng		95
70) Pentachlorophenol	17.145	266	148579	115.11	ng		91
71) Phenanthrene	17.544	178	497814	53.45	ng		99
72) Anthracene	17.632	178	502560	54.15	ng		97
73) Carbazole	17.903	167	470523	53.46	ng		99
74) Di-n-butylphthalate	18.455	149	575524	58.53	ng		98
75) Fluoranthene	19.554	202	637263	55.19	ng		97
77) Benzidine	19.730	184	64963	10.94	ng		99
78) Pyrene	19.918	202	641096	53.15	ng		97
80) Butylbenzylphthalate	20.793	149	254538	56.82	ng		94
81) Benzo(a)anthracene	21.780	228	630708	53.81	ng		97
82) 3,3'-Dichlorobenzidine	21.686	252	99905	24.81	ng		95
83) Chrysene	21.845	228	590810	52.82	ng		96
84) Bis(2-ethylhexyl)phtha...	21.669	149	348883	55.91	ng	#	97
85) Di-n-octyl phthalate	22.926	149	595893	54.78	ng		100
87) Indeno(1,2,3-cd)pyrene	28.984	276	675157	54.95	ng	#	73
88) Benzo(b)fluoranthene	24.078	252	638809	56.12	ng	#	96
89) Benzo(k)fluoranthene	24.148	252	582839	53.26	ng		98
90) Benzo(a)pyrene	24.983	252	549872	52.42	ng		99
91) Dibenzo(a,h)anthracene	29.054	278	573668	54.71	ng		98
92) Benzo(g,h,i)perylene	30.188	276	471710	45.93	ng		99

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

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