Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047978.D
Acq On : 22 Jan 2021 14:51
Operator : CG/JU
Sample : PB134252BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134252BS

Manual Integrations APPROVED
mohammad
1/25/2021 11:27:35 AM

Quant Time: Jan 22 17:17:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 14:42:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.145	152	47294	20.00	ng		# 0.00
21) Naphthalene-d8	10.959	136	190149	20.00	ng		0.00
39) Acenaphthene-d10	14.766	164	141679	20.00	ng		0.00
64) Phenanthrene-d10	17.510	188	351418	20.00	ng		# 0.00
76) Chrysene-d12	21.787	240	364291	20.00	ng		#-0.01
86) Perylene-d12	25.090	264	377418	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.695	112	364178	125.58	ng		0.00
7) Phenol-d6	7.293	99	495963	113.30	ng		0.00
23) Nitrobenzene-d5	9.308	82	320940	74.22	ng		0.00
42) 2,4,6-Tribromophenol	16.247	330	266623	117.60	ng		0.00
45) 2-Fluorobiphenyl	13.391	172	740511	69.80	ng		0.00
79) Terphenyl-d14	20.107	244	1349628	68.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	37243	27.68	ng	#	88
3) Pyridine	3.979	79	117742	29.28	ng		95
4) n-Nitrosodimethylamine	3.891	42	75717	37.52	ng	#	73
6) Aniline	7.457	93	139533	26.71	ng		91
8) 2-Chlorophenol	7.704	128	135514	45.40	ng		87
9) Benzaldehyde	7.275	77	107257	44.15	ng		84
10) Phenol	7.316	94	179253	43.25	ng		74
11) bis(2-Chloroethyl)ether	7.557	93	127282	39.02	ng		91
12) 1,3-Dichlorobenzene	8.033	146	144953	38.18	ng	#	95
13) 1,4-Dichlorobenzene	8.180	146	145737	38.28	ng		97
14) 1,2-Dichlorobenzene	8.497	146	140581m	38.47	ng		
15) Benzyl Alcohol	8.374	79	153485	41.97	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.668	45	194293	35.21	ng		99
17) 2-Methylphenol	8.574	107	121405	43.84	ng	#	85
18) Hexachloroethane	9.238	117	53122	37.12	ng		99
19) n-Nitroso-di-n-propyla...	8.950	70	117930	38.06	ng		96
20) 3+4-Methylphenols	8.903	107	165660	43.57	ng		88
22) Acetophenone	8.967	105	216855	38.64	ng	#	91
24) Nitrobenzene	9.349	77	174647	40.00	ng	#	87
25) Isophorone	9.872	82	312780	38.51	ng	#	93
26) 2-Nitrophenol	10.066	139	72912	44.72	ng	#	74
27) 2,4-Dimethylphenol	10.113	122	126326	46.53	ng		86
28) bis(2-Chloroethoxy)met...	10.354	93	175059	36.24	ng		99
29) 2,4-Dichlorophenol	10.595	162	144734	42.74	ng		94
30) 1,2,4-Trichlorobenzene	10.818	180	159714	36.89	ng		95
31) Naphthalene	11.006	128	404723	38.41	ng		99
32) Benzoic acid	10.242	122	93484	43.04	ng	#	74
33) 4-Chloroaniline	11.106	127	51248	10.99	ng	#	90
34) Hexachlorobutadiene	11.294	225	117300	36.35	ng		96
35) Caprolactam	11.876	113	48716m	38.19	ng		
36) 4-Chloro-3-methylphenol	12.216	107	159310	42.27	ng		90
37) 2-Methylnaphthalene	12.604	142	304539	38.08	ng	#	90
38) 1-Methylnaphthalene	12.822	142	288501	38.53	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.968	216	206546	38.19	ng	#	97
41) Hexachlorocyclopentadiene	12.951	237	285735	98.87	ng		99
43) 2,4,6-Trichlorophenol	13.198	196	143569	41.57	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.268	196	155851	44.05	ng	#	91
46) 1,1'-Biphenyl	13.603	154	419184	38.81	ng		98
47) 2-Chloronaphthalene	13.650	162	321272	36.72	ng		95
48) 2-Nitroaniline	13.838	65	115703	37.87	ng	#	81
49) Acenaphthylene	14.490	152	521962	38.03	ng		99
50) Dimethylphthalate	14.214	163	460016	37.35	ng		99
51) 2,6-Dinitrotoluene	14.332	165	99587	42.00	ng	#	68
52) Acenaphthene	14.831	154	391652	43.03	ng		96
53) 3-Nitroaniline	14.661	138	46459	17.96	ng	#	81
54) 2,4-Dinitrophenol	14.860	184	131478	96.79	ng	#	77
55) Dibenzofuran	15.160	168	509950	37.68	ng		94
56) 4-Nitrophenol	14.954	139	166072	82.22	ng	#	53
57) 2,4-Dinitrotoluene	15.113	165	137423	41.31	ng	#	76
58) Fluorene	15.812	166	437481	38.07	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.383	232	155547	42.35	ng		98
60) Diethylphthalate	15.577	149	445749	36.90	ng		96
61) 4-Chlorophenyl-phenyle...	15.800	204	256572	37.35	ng		98
62) 4-Nitroaniline	15.818	138	94312	33.12	ng	#	64
63) Azobenzene	16.094	77	432942	36.56	ng		90
65) 4,6-Dinitro-2-methylph...	15.877	198	89359	50.48	ng		85
66) n-Nitrosodiphenylamine	16.012	169	407382	39.72	ng		99
67) 4-Bromophenyl-phenylether	16.693	248	182239	39.10	ng		94
68) Hexachlorobenzene	16.817	284	189266	38.26	ng		98
69) Atrazine	16.958	200	148366	38.76	ng		96
70) Pentachlorophenol	17.152	266	251364	88.21	ng		97
71) Phenanthrene	17.551	178	742573	39.08	ng		98
72) Anthracene	17.639	178	750807	40.35	ng		98
73) Carbazole	17.904	167	664676	39.16	ng		99
74) Di-n-butylphthalate	18.462	149	769350	38.08	ng	#	98
75) Fluoranthene	19.549	202	994416	39.31	ng		98
77) Benzidine	19.725	184	334472	35.88	ng		100
78) Pyrene	19.913	202	974867	39.55	ng		98
80) Butylbenzylphthalate	20.795	149	340916	39.04	ng		89
81) Benzo(a)anthracene	21.770	228	1002763	39.86	ng		98
82) 3,3'-Dichlorobenzidine	21.682	252	219262	25.19	ng	#	96
83) Chrysene	21.840	228	950545	39.45	ng		99
84) Bis(2-ethylhexyl)phtha...	21.676	149	489166	39.41	ng		96
85) Di-n-octyl phthalate	22.921	149	831875	40.01	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.862	276	1196442	41.43	ng	#	88
88) Benzo(b)fluoranthene	24.044	252	1058717	42.16	ng	#	98
89) Benzo(k)fluoranthene	24.114	252	1003190	41.14	ng	#	95
90) Benzo(a)pyrene	24.937	252	949580	40.14	ng	#	97
91) Dibenzo(a,h)anthracene	28.938	278	982172	41.70	ng	#	94
92) Benzo(g,h,i)perylene	30.043	276	979327	42.53	ng	#	94

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

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