Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048652.D
Acq On : 9 Apr 2021 19:43
Operator : CG/JU
Sample : M1946-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB9MSD

Manual Integrations APPROVED
mohammad
4/12/2021 2:42:26 PM

Quant Time: Apr 10 01:23:56 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	8.087	152	27898	20.00	ng		#-0.01
21) Naphthalene-d8	10.913	136	112131	20.00	ng		#-0.01
39) Acenaphthene-d10	14.738	164	76271	20.00	ng		-0.01
64) Phenanthrene-d10	17.494	188	181290	20.00	ng		0.00
76) Chrysene-d12	21.795	240	172908	20.00	ng		# 0.00
86) Perylene-d12	25.126	264	171280	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	142330	90.07	ng		0.00
7) Phenol-d6	7.247	99	132125	57.65	ng		0.00
23) Nitrobenzene-d5	9.262	82	193545	83.57	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	146823	146.44	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	461715	89.98	ng		0.00
79) Terphenyl-d14	20.103	244	814078	86.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	13716	21.57	ng		96
3) Pyridine	3.904	79	28472	17.86	ng		97
4) n-Nitrosodimethylamine	3.816	42	30897	29.67	ng		94
6) Aniline	7.406	93	80639	30.64	ng		98
8) 2-Chlorophenol	7.653	128	78622	44.03	ng		96
9) Benzaldehyde	7.218	77	52552	35.87	ng		100
10) Phenol	7.271	94	56073	24.44	ng		94
11) bis(2-Chloroethyl)ether	7.500	93	66570	41.81	ng		97
12) 1,3-Dichlorobenzene	7.976	146	82384	40.95	ng		94
13) 1,4-Dichlorobenzene	8.128	146	84475	41.65	ng		95
14) 1,2-Dichlorobenzene	8.446	146	81363	41.89	ng		94
15) Benzyl Alcohol	8.328	79	72080	38.40	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.616	45	64191	41.80	ng		97
17) 2-Methylphenol	8.534	107	57523	38.75	ng		96
18) Hexachloroethane	9.180	117	30597	40.60	ng	#	78
19) n-Nitroso-di-n-propyla...	8.898	70	63059	39.92	ng		99
20) 3+4-Methylphenols	8.863	107	73502	35.67	ng		94
22) Acetophenone	8.916	105	126781	43.85	ng		99
24) Nitrobenzene	9.304	77	97197	42.76	ng		99
25) Isophorone	9.826	82	179455	41.96	ng		97
26) 2-Nitrophenol	10.020	139	47918	45.88	ng		97
27) 2,4-Dimethylphenol	10.073	122	79587	48.43	ng		93
28) bis(2-Chloroethoxy)met...	10.308	93	96016	48.98	ng		98
29) 2,4-Dichlorophenol	10.561	162	82746	44.47	ng		95
30) 1,2,4-Trichlorobenzene	10.778	180	90682	42.41	ng		97
31) Naphthalene	10.966	128	251300	43.59	ng		99
32) Benzoic acid	10.197	122	26082	20.63	ng		94
33) 4-Chloroaniline	11.066	127	53802	22.11	ng		97
34) Hexachlorobutadiene	11.248	225	65811	42.15	ng		87
35) Caprolactam	11.865	113	10459	15.41	ng		96
36) 4-Chloro-3-methylphenol	12.194	107	94249	45.11	ng		93
37) 2-Methylnaphthalene	12.570	142	201450	43.89	ng		98
38) 1-Methylnaphthalene	12.788	142	188421	43.05	ng		98
40) 1,2,4,5-Tetrachloroben...	12.935	216	114870	48.58	ng		97
41) Hexachlorocyclopentadiene	12.911	237	146428	106.91	ng		94
43) 2,4,6-Trichlorophenol	13.176	196	80631	49.61	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	87564	50.36	ng		94
46) 1,1'-Biphenyl	13.575	154	268921	48.25	ng		96
47) 2-Chloronaphthalene	13.622	162	198525	46.76	ng		98
48) 2-Nitroaniline	13.822	65	63184	46.81	ng		98
49) Acenaphthylene	14.468	152	335899	50.47	ng		99
50) Dimethylphthalate	14.192	163	307411	54.30	ng		98
51) 2,6-Dinitrotoluene	14.309	165	63672	49.16	ng		98
52) Acenaphthene	14.809	154	293634m	60.99	ng		
53) 3-Nitroaniline	14.644	138	37848	29.80	ng		84
54) 2,4-Dinitrophenol	14.850	184	83752	115.00	ng		91
55) Dibenzofuran	15.144	168	326169	46.39	ng		97
56) 4-Nitrophenol	14.956	139	52730	51.44	ng	#	91
57) 2,4-Dinitrotoluene	15.103	165	92033	50.24	ng		97
58) Fluorene	15.790	166	286867	48.74	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.367	232	83152	49.02	ng		99
60) Diethylphthalate	15.555	149	294879	50.69	ng		97
61) 4-Chlorophenyl-phenyle...	15.778	204	154077	48.65	ng		97
62) 4-Nitroaniline	15.814	138	60982	45.91	ng		90
63) Azobenzene	16.072	77	245007	42.81	ng		95
65) 4,6-Dinitro-2-methylph...	15.866	198	58333	53.55	ng		96
66) n-Nitrosodiphenylamine	15.996	169	249155	48.31	ng		95
67) 4-Bromophenyl-phenylether	16.677	248	100286	49.90	ng		97
68) Hexachlorobenzene	16.795	284	104683	49.89	ng		98
69) Atrazine	16.942	200	104048	49.46	ng		90
70) Pentachlorophenol	17.141	266	135945	104.23	ng		92
71) Phenanthrene	17.541	178	464651	49.37	ng		99
72) Anthracene	17.629	178	454749	48.49	ng		98
73) Carbazole	17.899	167	414046	46.56	ng		97
74) Di-n-butylphthalate	18.452	149	490900	49.41	ng	#	98
75) Fluoranthene	19.550	202	549038	47.06	ng		97
77) Benzidine	19.727	184	10112	1.73	ng	#	94
78) Pyrene	19.915	202	542931	45.67	ng		98
80) Butylbenzylphthalate	20.790	149	210601	47.69	ng		98
81) Benzo(a)anthracene	21.777	228	537920	46.56	ng		100
82) 3,3'-Dichlorobenzidine	21.683	252	83966	21.16	ng		91
83) Chrysene	21.842	228	505317	45.84	ng		95
84) Bis(2-ethylhexyl)phtha...	21.666	149	305671	49.70	ng	#	97
85) Di-n-octyl phthalate	22.917	149	522806	48.76	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.969	276	624747	52.03	ng	#	92
88) Benzo(b)fluoranthene	24.074	252	552233	49.64	ng	#	98
89) Benzo(k)fluoranthene	24.139	252	526047	49.19	ng		100
90) Benzo(a)pyrene	24.973	252	490236	47.81	ng		97
91) Dibenzo(a,h)anthracene	29.039	278	506134	49.38	ng		97
92) Benzo(g,h,i)perylene	30.167	276	510260	50.84	ng		99

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

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