Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048822.D
Acq On : 21 Apr 2021 16:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/22/2021 12:09:32 PM

Quant Time: Apr 22 01:00:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.065	152	25001	20.00	ng		# 0.00
21) Naphthalene-d8	10.891	136	97012	20.00	ng		# 0.00
39) Acenaphthene-d10	14.727	164	69032	20.00	ng		0.00
64) Phenanthrene-d10	17.477	188	165851	20.00	ng		# 0.00
76) Chrysene-d12	21.778	240	162108	20.00	ng		0.00
86) Perylene-d12	25.104	264	159290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.615	112	116492	77.93	ng		0.00
7) Phenol-d6	7.225	99	166228	78.62	ng		0.00
23) Nitrobenzene-d5	9.240	82	175874	81.16	ng		0.00
42) 2,4,6-Tribromophenol	16.220	330	73750	79.68	ng		0.00
45) 2-Fluorobiphenyl	13.341	172	385834	80.72	ng		0.00
79) Terphenyl-d14	20.092	244	698485	74.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	23619	40.33	ng		95
3) Pyridine	3.876	79	64444	42.21	ng		88
4) n-Nitrosodimethylamine	3.787	42	43917	37.68	ng		95
6) Aniline	7.383	93	94066	39.64	ng	#	97
8) 2-Chlorophenol	7.630	128	62078	39.15	ng		95
9) Benzaldehyde	7.195	77	57991	41.39	ng		88
10) Phenol	7.254	94	80769	38.85	ng		92
11) bis(2-Chloroethyl)ether	7.477	93	55427	39.56	ng		92
12) 1,3-Dichlorobenzene	7.947	146	70821	38.84	ng		92
13) 1,4-Dichlorobenzene	8.100	146	72774	39.17	ng		95
14) 1,2-Dichlorobenzene	8.423	146	70346	41.03	ng		93
15) Benzyl Alcohol	8.300	79	72307	38.81	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.582	45	58779	38.70	ng		98
17) 2-Methylphenol	8.511	107	51866	39.08	ng		97
18) Hexachloroethane	9.152	117	27133	37.18	ng		94
19) n-Nitroso-di-n-propyla...	8.870	70	56247	39.43	ng		99
20) 3+4-Methylphenols	8.846	107	71913	39.27	ng		94
22) Acetophenone	8.893	105	100070	39.63	ng	#	95
24) Nitrobenzene	9.281	77	87131	40.31	ng		98
25) Isophorone	9.804	82	151798	39.62	ng	#	93
26) 2-Nitrophenol	9.998	139	38068	40.69	ng		98
27) 2,4-Dimethylphenol	10.051	122	57588	40.04	ng		88
28) bis(2-Chloroethoxy)met...	10.286	93	64709	38.76	ng	#	88
29) 2,4-Dichlorophenol	10.538	162	68028	41.94	ng		97
30) 1,2,4-Trichlorobenzene	10.750	180	77394	41.15	ng		91
31) Naphthalene	10.944	128	203022	40.78	ng		99
32) Benzoic acid	10.227	122	23081m	27.39	ng		
33) 4-Chloroaniline	11.049	127	84523	40.81	ng		95
34) Hexachlorobutadiene	11.220	225	56442	40.43	ng		98
35) Caprolactam	11.831	113	22232	40.34	ng	#	84
36) 4-Chloro-3-methylphenol	12.178	107	74606	40.62	ng	#	94
37) 2-Methylnaphthalene	12.548	142	156690	39.39	ng		98
38) 1-Methylnaphthalene	12.765	142	149687	40.44	ng		97
40) 1,2,4,5-Tetrachloroben...	12.912	216	90139	40.12	ng		97
41) Hexachlorocyclopentadiene	12.888	237	55627	47.93	ng		94
43) 2,4,6-Trichlorophenol	13.159	196	60258	40.18	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.235	196	61684	38.74	ng		94
46) 1,1'-Biphenyl	13.552	154	207361	40.67	ng		99
47) 2-Chloronaphthalene	13.599	162	161681	41.51	ng		96
48) 2-Nitroaniline	13.805	65	56442	40.33	ng	#	88
49) Acenaphthylene	14.445	152	248371	40.87	ng		94
50) Dimethylphthalate	14.169	163	204806	39.55	ng		98
51) 2,6-Dinitrotoluene	14.299	165	49231	41.21	ng		88
52) Acenaphthene	14.786	154	158461	41.06	ng		98
53) 3-Nitroaniline	14.628	138	44230	38.57	ng		97
54) 2,4-Dinitrophenol	14.839	184	39107	56.22	ng		93
55) Dibenzofuran	15.121	168	261366	40.92	ng		95
56) 4-Nitrophenol	14.951	139	35610	41.91	ng		91
57) 2,4-Dinitrotoluene	15.086	165	66887	38.55	ng	#	87
58) Fluorene	15.773	166	212088	40.43	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.350	232	55731	37.82	ng		95
60) Diethylphthalate	15.532	149	212670	39.70	ng		99
61) 4-Chlorophenyl-phenyle...	15.762	204	115611	40.07	ng		94
62) 4-Nitroaniline	15.797	138	50327	41.04	ng		95
63) Azobenzene	16.055	77	220222	40.82	ng		93
65) 4,6-Dinitro-2-methylph...	15.856	198	42816	38.56	ng		94
66) n-Nitrosodiphenylamine	15.979	169	191333	40.82	ng		95
67) 4-Bromophenyl-phenylether	16.661	248	78737	41.25	ng		94
68) Hexachlorobenzene	16.784	284	77017	39.83	ng		94
69) Atrazine	16.925	200	78544	40.29	ng		94
70) Pentachlorophenol	17.131	266	47067	45.68	ng		86
71) Phenanthrene	17.524	178	347025	40.31	ng		96
72) Anthracene	17.612	178	347647	40.81	ng		98
73) Carbazole	17.883	167	329873	40.43	ng		99
74) Di-n-butylphthalate	18.435	149	365508	39.96	ng	#	97
75) Fluoranthene	19.534	202	429169	39.42	ng		98
77) Benzidine	19.710	184	166830	37.90	ng		99
78) Pyrene	19.898	202	428955	38.25	ng		98
80) Butylbenzylphthalate	20.779	149	167356	38.16	ng		92
81) Benzo(a)anthracene	21.760	228	415473	37.51	ng		99
82) 3,3'-Dichlorobenzidine	21.666	252	140796	37.06	ng		98
83) Chrysene	21.831	228	399821	37.89	ng		99
84) Bis(2-ethylhexyl)phtha...	21.643	149	234032	38.12	ng		99
85) Di-n-octyl phthalate	22.894	149	400366	38.30	ng		100
87) Indeno(1,2,3-cd)pyrene	28.934	276	450297	38.49	ng		97
88) Benzo(b)fluoranthene	24.046	252	437011	40.44	ng		96
89) Benzo(k)fluoranthene	24.116	252	401167m	39.48	ng		
90) Benzo(a)pyrene	24.951	252	399734	40.15	ng	#	96
91) Dibenzo(a,h)anthracene	28.999	278	391363	39.00	ng		99
92) Benzo(g,h,i)perylene	30.127	276	371973	37.55	ng		96

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

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