Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047956.D
Acq On : 21 Jan 2021 16:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:14 AM

Quant Time: Jan 21 17:39:11 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	8.149	152	36912	20.00	ng		# 0.00
21) Naphthalene-d8	10.964	136	145461	20.00	ng		# 0.00
39) Acenaphthene-d10	14.771	164	112932	20.00	ng		0.00
64) Phenanthrene-d10	17.515	188	295051	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	330849	20.00	ng		# 0.00
86) Perylene-d12	25.106	264	347018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	162991	72.01	ng		0.00
7) Phenol-d6	7.291	99	251670	73.66	ng		0.00
23) Nitrobenzene-d5	9.313	82	245971	74.36	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	136245	75.39	ng		0.00
45) 2-Fluorobiphenyl	13.396	172	587668	69.49	ng		0.00
79) Terphenyl-d14	20.118	244	1262427	70.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.590	88	40496	40.26	ng	#	94
3) Pyridine	3.989	79	115166	36.69	ng	#	95
4) n-Nitrosodimethylamine	3.901	42	56686	35.99	ng	#	73
6) Aniline	7.468	93	152546	37.41	ng		92
8) 2-Chlorophenol	7.709	128	85233	36.59	ng		87
9) Benzaldehyde	7.280	77	75086	39.32	ng		85
10) Phenol	7.315	94	119315	36.88	ng		78
11) bis(2-Chloroethyl)ether	7.562	93	93697	36.81	ng		91
12) 1,3-Dichlorobenzene	8.038	146	107245	36.20	ng	#	90
13) 1,4-Dichlorobenzene	8.184	146	108493	36.52	ng		95
14) 1,2-Dichlorobenzene	8.508	146	102203	35.83	ng		94
15) Benzyl Alcohol	8.378	79	106049	37.16	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.678	45	154018	35.76	ng		97
17) 2-Methylphenol	8.578	107	79820	36.93	ng	#	92
18) Hexachloroethane	9.242	117	40272	36.06	ng		97
19) n-Nitroso-di-n-propyla...	8.948	70	87776	36.30	ng		94
20) 3+4-Methylphenols	8.901	107	111048	37.42	ng		89
22) Acetophenone	8.966	105	155447	36.20	ng	#	91
24) Nitrobenzene	9.354	77	125372	37.54	ng	#	83
25) Isophorone	9.877	82	225574	36.31	ng		96
26) 2-Nitrophenol	10.065	139	46882	37.59	ng	#	73
27) 2,4-Dimethylphenol	10.118	122	72459	34.89	ng		92
28) bis(2-Chloroethoxy)met...	10.358	93	134180	36.31	ng		98
29) 2,4-Dichlorophenol	10.599	162	95933	37.03	ng		95
30) 1,2,4-Trichlorobenzene	10.823	180	118372	35.74	ng		100
31) Naphthalene	11.016	128	288560	35.80	ng		98
32) Benzoic acid	10.223	122	63860	40.18	ng	#	74
33) 4-Chloroaniline	11.110	127	131934	36.99	ng	#	89
34) Hexachlorobutadiene	11.304	225	90061	36.48	ng		99
35) Caprolactam	11.874	113	36924	37.84	ng	#	72
36) 4-Chloro-3-methylphenol	12.215	107	109800	38.08	ng		89
37) 2-Methylnaphthalene	12.609	142	223156	36.47	ng	#	95
38) 1-Methylnaphthalene	12.826	142	211731m	36.97	ng		
40) 1,2,4,5-Tetrachloroben...	12.973	216	146920	34.08	ng		97
41) Hexachlorocyclopentadiene	12.955	237	80234	34.83	ng		97
43) 2,4,6-Trichlorophenol	13.202	196	99115	36.00	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	102647	36.40	ng	#	96
46) 1,1'-Biphenyl	13.608	154	296143	34.40	ng		99
47) 2-Chloronaphthalene	13.655	162	243407	34.90	ng		95
48) 2-Nitroaniline	13.843	65	91216	37.45	ng	#	77
49) Acenaphthylene	14.495	152	381023	34.83	ng		97
50) Dimethylphthalate	14.219	163	349559	35.61	ng		99
51) 2,6-Dinitrotoluene	14.336	165	70786	37.46	ng	#	71
52) Acenaphthene	14.836	154	255805	35.26	ng		98
53) 3-Nitroaniline	14.659	138	77199	37.43	ng	#	70
54) 2,4-Dinitrophenol	14.865	184	39093	36.10	ng	#	81
55) Dibenzofuran	15.165	168	380529	35.27	ng		91
56) 4-Nitrophenol	14.953	139	64068	39.79	ng	#	59
57) 2,4-Dinitrotoluene	15.118	165	102531	38.67	ng	#	74
58) Fluorene	15.817	166	319168	34.84	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.388	232	110920	37.88	ng	#	97
60) Diethylphthalate	15.582	149	348982	36.24	ng		97
61) 4-Chlorophenyl-phenyle...	15.805	204	194755	35.57	ng		98
62) 4-Nitroaniline	15.823	138	87397	38.50	ng	#	65
63) Azobenzene	16.099	77	332584	35.24	ng		88
65) 4,6-Dinitro-2-methylph...	15.881	198	53843	36.23	ng		86
66) n-Nitrosodiphenylamine	16.016	169	297843	34.58	ng		98
67) 4-Bromophenyl-phenylether	16.704	248	136760	34.95	ng		99
68) Hexachlorobenzene	16.816	284	149315	35.95	ng		95
69) Atrazine	16.962	200	118661	36.92	ng		97
70) Pentachlorophenol	17.156	266	93480	39.07	ng		95
71) Phenanthrene	17.556	178	576491	36.13	ng		95
72) Anthracene	17.650	178	556559	35.63	ng		99
73) Carbazole	17.908	167	526153	36.92	ng		99
74) Di-n-butylphthalate	18.472	149	626360	36.92	ng	#	97
75) Fluoranthene	19.559	202	786928	37.05	ng		96
77) Benzidine	19.730	184	340493	40.22	ng		97
78) Pyrene	19.918	202	784173	35.03	ng		97
80) Butylbenzylphthalate	20.805	149	290174	36.59	ng		89
81) Benzo(a)anthracene	21.774	228	817833	35.79	ng		98
82) 3,3'-Dichlorobenzidine	21.686	252	290691	36.77	ng		100
83) Chrysene	21.845	228	782006	35.73	ng		99
84) Bis(2-ethylhexyl)phtha...	21.686	149	414269	36.75	ng		98
85) Di-n-octyl phthalate	22.938	149	716096	37.92	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.890	276	977698	36.82	ng	#	89
88) Benzo(b)fluoranthene	24.054	252	850399	36.83	ng	#	97
89) Benzo(k)fluoranthene	24.125	252	825866	36.83	ng	#	98
90) Benzo(a)pyrene	24.953	252	811449	37.31	ng	#	97
91) Dibenzo(a,h)anthracene	28.966	278	797102	36.80	ng	#	96
92) Benzo(g,h,i)perylene	30.076	276	784706	37.07	ng	#	92

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

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