Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
Data File : BG048563.D
Acq On : 2 Apr 2021 9:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 02 10:21:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	24387	20.00	ng		0.00
21) Naphthalene-d8	10.926	136	99499	20.00	ng		# 0.00
39) Acenaphthene-d10	14.751	164	69885	20.00	ng		0.00
64) Phenanthrene-d10	17.506	188	167575	20.00	ng		0.00
76) Chrysene-d12	21.801	240	138323	20.00	ng		# 0.00
86) Perylene-d12	25.150	264	139497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	111755	80.91	ng		0.00
7) Phenol-d6	7.248	99	162216	80.97	ng		0.00
23) Nitrobenzene-d5	9.269	82	162854	79.24	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	77937	84.84	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	378410	80.48	ng		0.00
79) Terphenyl-d14	20.115	244	644738	85.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.505	88	19236	34.61	ng		98
3) Pyridine	3.910	79	55742	40.01	ng		92
4) n-Nitrosodimethylamine	3.822	42	35521	39.02	ng		95
6) Aniline	7.418	93	91069	39.58	ng	#	94
8) 2-Chlorophenol	7.659	128	63652	40.78	ng		94
9) Benzaldehyde	7.224	77	48222	37.66	ng		98
10) Phenol	7.271	94	81140	40.46	ng		94
11) bis(2-Chloroethyl)ether	7.512	93	54439	39.12	ng		95
12) 1,3-Dichlorobenzene	7.988	146	69807	39.70	ng		96
13) 1,4-Dichlorobenzene	8.135	146	74574	42.06	ng		95
14) 1,2-Dichlorobenzene	8.458	146	69259	40.79	ng	#	91
15) Benzyl Alcohol	8.335	79	67570	41.18	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.628	45	52471	39.09	ng		94
17) 2-Methylphenol	8.534	107	53679	41.36	ng		90
18) Hexachloroethane	9.192	117	25988	39.45	ng	#	79
19) n-Nitroso-di-n-propyla...	8.905	70	53211	38.54	ng	#	92
20) 3+4-Methylphenols	8.863	107	70697	39.25	ng		91
22) Acetophenone	8.922	105	101092	39.41	ng	#	94
24) Nitrobenzene	9.310	77	81366	40.34	ng		96
25) Isophorone	9.833	82	148674	39.17	ng		99
26) 2-Nitrophenol	10.027	139	38421	41.46	ng		96
27) 2,4-Dimethylphenol	10.080	122	57796	39.64	ng		91
28) bis(2-Chloroethoxy)met...	10.320	93	69842	40.15	ng		96
29) 2,4-Dichlorophenol	10.567	162	67141	40.66	ng		97
30) 1,2,4-Trichlorobenzene	10.785	180	78165	41.20	ng		92
31) Naphthalene	10.979	128	201775	39.44	ng		96
32) Benzoic acid	10.215	122	45199	40.29	ng		90
33) 4-Chloroaniline	11.078	127	86601	40.11	ng	#	94
34) Hexachlorobutadiene	11.261	225	55538	40.08	ng		90
35) Caprolactam	11.848	113	23963	39.78	ng	#	70
36) 4-Chloro-3-methylphenol	12.195	107	76516	41.27	ng		89
37) 2-Methylnaphthalene	12.577	142	162706	39.95	ng		98
38) 1-Methylnaphthalene	12.800	142	150750	38.81	ng		97
40) 1,2,4,5-Tetrachloroben...	12.947	216	89057	41.11	ng		98
41) Hexachlorocyclopentadiene	12.923	237	53925	42.97	ng		92
43) 2,4,6-Trichlorophenol	13.182	196	63636	42.74	ng		84

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	70175	44.05	ng		93
46) 1,1'-Biphenyl	13.581	154	207995	40.73	ng		99
47) 2-Chloronaphthalene	13.628	162	159493	41.00	ng		98
48) 2-Nitroaniline	13.822	65	53134	42.96	ng		88
49) Acenaphthylene	14.474	152	248541	40.75	ng		99
50) Dimethylphthalate	14.198	163	208126	40.12	ng	#	99
51) 2,6-Dinitrotoluene	14.316	165	49298	41.54	ng	#	91
52) Acenaphthene	14.815	154	178866	40.55	ng		95
53) 3-Nitroaniline	14.651	138	48755	41.90	ng	#	78
54) 2,4-Dinitrophenol	14.850	184	30151	45.18	ng		87
55) Dibenzofuran	15.150	168	260221	40.39	ng		98
56) 4-Nitrophenol	14.950	139	41908	44.62	ng	#	76
57) 2,4-Dinitrotoluene	15.103	165	72424	43.15	ng		98
58) Fluorene	15.802	166	220222	40.84	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.368	232	64099	41.24	ng		97
60) Diethylphthalate	15.561	149	217661	40.84	ng		98
61) 4-Chlorophenyl-phenyle...	15.791	204	115786	39.90	ng		95
62) 4-Nitroaniline	15.814	138	51527	42.33	ng		92
63) Azobenzene	16.084	77	206023	39.29	ng		98
65) 4,6-Dinitro-2-methylph...	15.873	198	48365	48.03	ng		87
66) n-Nitrosodiphenylamine	16.002	169	189616	39.77	ng		95
67) 4-Bromophenyl-phenylether	16.689	248	76619	41.25	ng		90
68) Hexachlorobenzene	16.807	284	76472	39.43	ng		95
69) Atrazine	16.948	200	80809	41.56	ng		93
70) Pentachlorophenol	17.148	266	54032	44.82	ng		92
71) Phenanthrene	17.547	178	357117	41.05	ng		98
72) Anthracene	17.641	178	348899	40.25	ng		98
73) Carbazole	17.906	167	329040	40.03	ng		97
74) Di-n-butylphthalate	18.458	149	366300	39.88	ng		97
75) Fluoranthene	19.557	202	406087	37.65	ng		98
77) Benzidine	19.733	184	208670	44.55	ng		98
78) Pyrene	19.921	202	406434	42.73	ng		99
80) Butylbenzylphthalate	20.796	149	146351	41.43	ng		94
81) Benzo(a)anthracene	21.784	228	370536	40.09	ng		99
82) 3,3'-Dichlorobenzidine	21.690	252	124872	39.33	ng	#	88
83) Chrysene	21.854	228	349007	39.57	ng		97
84) Bis(2-ethylhexyl)phtha...	21.678	149	198668	40.38	ng		99
85) Di-n-octyl phthalate	22.935	149	335692	39.14	ng	#	97
87) Indeno(1,2,3-cd)pyrene	28.993	276	397709	40.67	ng	#	94
88) Benzo(b)fluoranthene	24.081	252	359978	39.73	ng	#	94
89) Benzo(k)fluoranthene	24.151	252	360447	41.38	ng		98
90) Benzo(a)pyrene	24.992	252	337928	40.47	ng		99
91) Dibenzo(a,h)anthracene	29.063	278	346601	41.52	ng		98
92) Benzo(g,h,i)perylene	30.197	276	330635	40.45	ng		99

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

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