Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111321\
Data File : BG051027.D
Acq On : 13 Nov 2021 17:26
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Nov 15 03:15:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:13:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	42918	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	177796	20.000	ng	#	0.00
39) Acenaphthene-d10	14.852	164	117067	20.000	ng		0.00
64) Phenanthrene-d10	17.595	188	255862	20.000	ng	#	0.00
76) Chrysene-d12	21.896	240	217700	20.000	ng	#	0.00
86) Perylene-d12	25.298	264	218753	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	116790	40.697	ng		0.00
7) Phenol-d6	7.372	99	163240	39.289	ng		0.00
23) Nitrobenzene-d5	9.399	82	166017	38.653	ng		0.00
42) 2,4,6-Tribromophenol	16.338	330	45650	40.883	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	317444	40.811	ng		0.00
79) Terphenyl-d14	20.187	244	496480	44.444	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.618	88	24252	16.317	ng	#	83
3) Pyridine	4.035	79	80236	19.761	ng		92
4) n-Nitrosodimethylamine	3.947	42	35167	18.379	ng	#	49
6) Aniline	7.543	93	97745	20.248	ng		95
8) 2-Chlorophenol	7.783	128	59885	21.674	ng		92
9) Benzaldehyde	7.360	77	61133	19.938	ng		86
10) Phenol	7.402	94	84544	20.928	ng	#	80
11) bis(2-Chloroethyl)ether	7.637	93	65295	20.709	ng		86
12) 1,3-Dichlorobenzene	8.112	146	65356	20.491	ng		95
13) 1,4-Dichlorobenzene	8.259	146	66938	20.817	ng		95
14) 1,2-Dichlorobenzene	8.582	146	63849	20.789	ng		96
15) Benzyl Alcohol	8.465	79	62315	18.979	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.747	45	100750	19.593	ng		85
17) 2-Methylphenol	8.665	107	54342	20.444	ng	#	88
18) Hexachloroethane	9.317	117	25155	20.670	ng		94
19) n-Nitroso-di-n-propyla...	9.029	70	59392	19.612	ng	#	84
20) 3+4-Methylphenols	8.994	107	77078	20.601	ng		94
22) Acetophenone	9.058	105	102224	20.224	ng	#	94
24) Nitrobenzene	9.440	77	81828	19.161	ng		96
25) Isophorone	9.969	82	147354	19.342	ng	#	96
26) 2-Nitrophenol	10.157	139	34091	21.740	ng	#	92
27) 2,4-Dimethylphenol	10.204	122	54004	19.933	ng		89
28) bis(2-Chloroethoxy)met...	10.439	93	88201	20.249	ng		92
29) 2,4-Dichlorophenol	10.692	162	55054	19.937	ng		98
30) 1,2,4-Trichlorobenzene	10.909	180	62817	20.026	ng		94
31) Naphthalene	11.103	128	195458	20.538	ng		98
32) Benzoic acid	10.322	122	36068	17.938	ng	#	74
33) 4-Chloroaniline	11.209	127	81263	20.352	ng		96
34) Hexachlorobutadiene	11.373	225	37984	19.288	ng		98
35) Caprolactam	11.996	113	14353	13.581	ng	#	78
36) 4-Chloro-3-methylphenol	12.313	107	68885	19.958	ng		93
37) 2-Methylnaphthalene	12.695	142	129912	19.784	ng		92
38) 1-Methylnaphthalene	12.913	142	127024	19.949	ng		92
40) 1,2,4,5-Tetrachloroben...	13.054	216	69070	19.980	ng		98
41) Hexachlorocyclopentadiene	13.024	237	21407	10.714	ng		94
43) 2,4,6-Trichlorophenol	13.295	196	49004	20.116	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.365	196	51273	20.131	ng		92
46) 1,1'-Biphenyl	13.688	154	173143	20.277	ng		94
47) 2-Chloronaphthalene	13.735	162	135315	20.638	ng		98
48) 2-Nitroaniline	13.941	65	50278	19.277	ng		87
49) Acenaphthylene	14.581	152	220692	20.543	ng		96
50) Dimethylphthalate	14.293	163	183486	20.736	ng		100
51) 2,6-Dinitrotoluene	14.423	165	38017	21.450	ng	#	83
52) Acenaphthene	14.916	154	125351	18.158	ng		90
53) 3-Nitroaniline	14.758	138	44201	21.084	ng		95
54) 2,4-Dinitrophenol	14.969	184	18757	17.059	ng	#	81
55) Dibenzofuran	15.245	168	218278	20.444	ng		95
56) 4-Nitrophenol	15.057	139	32816	19.459	ng	#	73
57) 2,4-Dinitrotoluene	15.210	165	52817	21.142	ng		95
58) Fluorene	15.897	166	169599	20.680	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.469	232	44166	19.907	ng	#	97
60) Diethylphthalate	15.645	149	192710	20.728	ng		96
61) 4-Chlorophenyl-phenyle...	15.880	204	90131	20.086	ng		98
62) 4-Nitroaniline	15.915	138	45386	20.808	ng	#	61
63) Azobenzene	16.174	77	206122	19.152	ng		81
65) 4,6-Dinitro-2-methylph...	15.974	198	31364	20.409	ng		89
66) n-Nitrosodiphenylamine	16.097	169	151238	20.803	ng		97
67) 4-Bromophenyl-phenylether	16.779	248	54533	21.151	ng		93
68) Hexachlorobenzene	16.896	284	52679	20.558	ng		93
69) Atrazine	17.037	200	37536	13.107	ng		91
70) Pentachlorophenol	17.243	266	30242	17.336	ng		95
71) Phenanthrene	17.642	178	281883	20.907	ng		98
72) Anthracene	17.731	178	278762	20.806	ng		98
73) Carbazole	18.001	167	273842	20.507	ng		97
74) Di-n-butylphthalate	18.530	149	329943	21.055	ng	#	96
75) Fluoranthene	19.640	202	332721	20.075	ng		94
77) Benzidine	19.816	184	83871	11.887	ng		96
78) Pyrene	20.004	202	335922	21.748	ng		98
80) Butylbenzylphthalate	20.868	149	141661	21.683	ng		95
81) Benzo(a)anthracene	21.873	228	304359	21.129	ng		98
82) 3,3'-Dichlorobenzidine	21.779	252	138003	28.908	ng	#	99
83) Chrysene	21.943	228	286977	21.179	ng		98
84) Bis(2-ethylhexyl)phtha...	21.744	149	200550	21.604	ng	#	95
85) Di-n-octyl phthalate	23.013	149	337018	21.767	ng		99
87) Indeno(1,2,3-cd)pyrene	29.217	276	313873	20.600	ng	#	87
88) Benzo(b)fluoranthene	24.211	252	282743	21.105	ng	#	95
89) Benzo(k)fluoranthene	24.282	252	277109	21.025	ng	#	97
90) Benzo(a)pyrene	25.140	252	240777	21.138	ng	#	94
91) Dibenzo(a,h)anthracene	29.270	278	259031	20.554	ng	#	91
92) Benzo(g,h,i)perylene	30.439	276	254051	20.583	ng	#	91

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

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