Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048323.D
Acq On : 4 Mar 2021 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 04 11:04:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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3/5/2021 2:44:07 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.108	152	33839	20.00	ng		0.00
21) Naphthalene-d8	10.922	136	134234	20.00	ng	#	0.00
39) Acenaphthene-d10	14.736	164	98267	20.00	ng		0.00
64) Phenanthrene-d10	17.485	188	248860	20.00	ng	#	0.00
76) Chrysene-d12	21.768	240	268361	20.00	ng	#	0.00
86) Perylene-d12	25.065	264	272700	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	162418	81.70	ng		0.00
7) Phenol-d6	7.309	99	244469	80.94	ng		0.00
23) Nitrobenzene-d5	9.283	82	266037	83.83	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	124813	79.41	ng		0.00
45) 2-Fluorobiphenyl	13.361	172	573624	81.84	ng		0.00
79) Terphenyl-d14	20.082	244	1132587	77.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	35799	39.30	ng	#	91
3) Pyridine	3.942	79	103786	41.21	ng	#	86
4) n-Nitrosodimethylamine	3.860	42	63131	47.22	ng	#	62
6) Aniline	7.432	93	144931	40.16	ng		90
8) 2-Chlorophenol	7.685	128	88565	40.56	ng		87
9) Benzaldehyde	7.244	77	74850	34.98	ng		85
10) Phenol	7.338	94	121279	39.71	ng	#	63
11) bis(2-Chloroethyl)ether	7.520	93	92396	38.83	ng		94
12) 1,3-Dichlorobenzene	7.990	146	101310	40.16	ng	#	89
13) 1,4-Dichlorobenzene	8.137	146	102507	40.30	ng		96
14) 1,2-Dichlorobenzene	8.461	146	97279m	40.21	ng		
15) Benzyl Alcohol	8.361	79	108982	40.94	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.625	45	126505	41.00	ng		93
17) 2-Methylphenol	8.584	107	79860	40.10	ng	#	83
18) Hexachloroethane	9.183	117	39443	40.67	ng		90
19) n-Nitroso-di-n-propyla...	8.913	70	96045	41.20	ng	#	95
20) 3+4-Methylphenols	8.919	107	111322	40.12	ng	#	61
22) Acetophenone	8.936	105	153109	39.73	ng	#	86
24) Nitrobenzene	9.324	77	140172	41.40	ng	#	80
25) Isophorone	9.841	82	247677	39.36	ng	#	93
26) 2-Nitrophenol	10.035	139	56179	40.11	ng	#	55
27) 2,4-Dimethylphenol	10.112	122	78564	38.97	ng	#	79
28) bis(2-Chloroethoxy)met...	10.323	93	118826	38.63	ng	#	97
29) 2,4-Dichlorophenol	10.593	162	99001	38.40	ng		95
30) 1,2,4-Trichlorobenzene	10.781	180	119144	40.65	ng		98
31) Naphthalene	10.969	128	288404	38.92	ng		98
32) Benzoic acid	10.276	122	36244m	26.25	ng		
33) 4-Chloroaniline	11.099	127	123105	38.30	ng	#	90
34) Hexachlorobutadiene	11.240	225	92492	42.19	ng		97
35) Caprolactam	11.880	113	33193	38.86	ng		91
36) 4-Chloro-3-methylphenol	12.244	107	111212	39.02	ng		85
37) 2-Methylnaphthalene	12.567	142	221723	38.48	ng	#	93
38) 1-Methylnaphthalene	12.791	142	207007	37.98	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.932	216	149069	42.47	ng	#	98
41) Hexachlorocyclopentadiene	12.902	237	85900	40.13	ng		96
43) 2,4,6-Trichlorophenol	13.190	196	100503	39.85	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.278	196	107141	39.39	ng	#	92
46) 1,1'-Biphenyl	13.572	154	278978	39.63	ng		100
47) 2-Chloronaphthalene	13.619	162	241066	40.24	ng		98
48) 2-Nitroaniline	13.842	65	96316	44.79	ng	#	71
49) Acenaphthylene	14.465	152	365388	39.43	ng		100
50) Dimethylphthalate	14.189	163	322650	39.27	ng		98
51) 2,6-Dinitrotoluene	14.324	165	72942	39.50	ng	#	57
52) Acenaphthene	14.800	154	220560	35.15	ng		99
53) 3-Nitroaniline	14.671	138	65475	36.10	ng	#	73
54) 2,4-Dinitrophenol	14.882	184	38727	32.22	ng	#	56
55) Dibenzofuran	15.135	168	389325	39.68	ng		93
56) 4-Nitrophenol	15.029	139	49454	33.27	ng	#	38
57) 2,4-Dinitrotoluene	15.117	165	105969	39.73	ng	#	60
58) Fluorene	15.781	166	305621	39.27	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.382	232	102505	37.62	ng		96
60) Diethylphthalate	15.546	149	335397	39.92	ng		92
61) 4-Chlorophenyl-phenyle...	15.770	204	186425	39.78	ng		99
62) 4-Nitroaniline	15.834	138	68872	36.52	ng	#	44
63) Azobenzene	16.063	77	349958	41.74	ng		86
65) 4,6-Dinitro-2-methylph...	15.887	198	74117	41.04	ng		77
66) n-Nitrosodiphenylamine	15.993	169	288030	40.02	ng		98
67) 4-Bromophenyl-phenylether	16.663	248	127373	39.92	ng		94
68) Hexachlorobenzene	16.786	284	131592	39.98	ng	#	92
69) Atrazine	16.945	200	123602	41.30	ng		96
70) Pentachlorophenol	17.150	266	81574	37.68	ng		96
71) Phenanthrene	17.526	178	543071	40.19	ng		96
72) Anthracene	17.620	178	535759	39.93	ng		96
73) Carbazole	17.902	167	509577	40.15	ng		96
74) Di-n-butylphthalate	18.431	149	579910	41.23	ng	#	97
75) Fluoranthene	19.530	202	718545	40.85	ng		95
77) Benzidine	19.718	184	357427	40.76	ng		96
78) Pyrene	19.894	202	729382	38.92	ng		97
80) Butylbenzylphthalate	20.764	149	264665	40.32	ng	#	84
81) Benzo(a)anthracene	21.745	228	732210	39.11	ng		98
82) 3,3'-Dichlorobenzidine	21.663	252	248016	36.99	ng		97
83) Chrysene	21.815	228	713658	39.91	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	371906	40.33	ng		96
85) Di-n-octyl phthalate	22.855	149	638309	40.66	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.831	276	810025	39.20	ng	#	88
88) Benzo(b)fluoranthene	24.013	252	737470	39.11	ng	#	97
89) Benzo(k)fluoranthene	24.083	252	712990	39.64	ng	#	96
90) Benzo(a)pyrene	24.912	252	688988	39.40	ng	#	96
91) Dibenzo(a,h)anthracene	28.901	278	689388	39.11	ng	#	95
92) Benzo(g,h,i)perylene	30.018	276	669536	39.09	ng	#	93

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

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